NEWFIELD

June 2, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Sundance Federal 14-1-9-17 and 4-6-9-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. They are both Directional Wells. I have enclosed a copy of the Directional Drill Plan for each proposed well. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
JUN 05 2006
DIV. OF OIL, GAS & MINING

Form 3160-3
(September 2001)

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU-65970

6. If Indian, Allottee or Tribe Name: N/A

1a. Type of Work: [x] DRILL [ ] REENTER

7. If Unit or CA Agreement, Name and No.: Sundance

1b. Type of Well: [x] Oil Well [ ] Gas Well [ ] Other [x] Single Zone [ ] Multiple Zone

8. Lease Name and Well No.: Sundance Federal 4-6-9-18

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-047-38194

3a. Address: Route #3 Box 3630, Myton UT 84052

3b. Phone No. *(include area code)*: (435) 646-3721

10. Field and Pool, or Exploratory: Eight Mile Flat 590

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface SW/NW 2048' FNL 704' FWL Sec. 6, T9S R18E

At proposed prod. zone NW/NW 661' FNL 640' FWL Sec. 6, T9S R18E

11. Sec., T., R., M., or Blk. and Survey or Area: SW/NW Sec. 6, T9S R18E

14. Distance in miles and direction from nearest town or post office*: Approximatley 18.0 miles southeast of Myton, Utah

12. County or Parish: Uintah

13. State: UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 640' f/lse, 5920' f/unit

16. No. of Acres in lease: 1,036.24

17. Spacing Unit dedicated to this well: 40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1395'

19. Proposed Depth: 5959'

20. BLM/BIA Bond No. on file: UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 5000' GL

22. Approximate date work will start*: 3rd Quarter 2006

23. Estimated duration: Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature: Mandie Crozier — Name *(Printed/Typed)*: Mandie Crozier — Date: 6/2/06

Title: Regulatory Specialist

Approved by *(Signature)*: — Name *(Printed/Typed)*: BRADLEY G. HILL — Date: 06-22-06

Title: — Office: ENVIRONMENTAL MANAGER

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**(Instructions on reverse)*

Federal Approval of this Action is Necessary

Surf 590205X
4434913Y
40.061541
-109.942330

BHL 590179X
4435335Y
40.065343
-109.942572

RECEIVED
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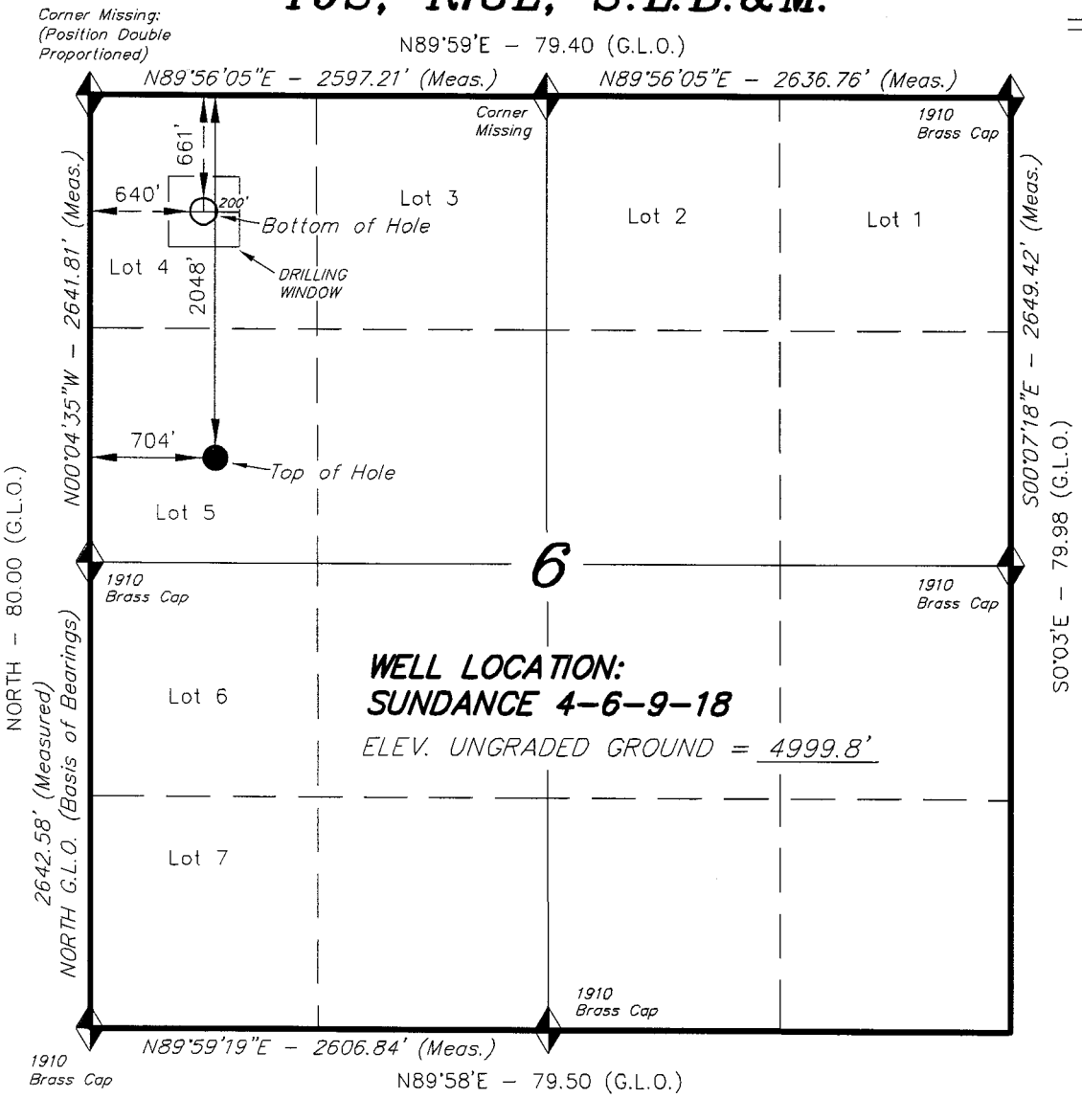
T9S, R18E, S.L.B.&M.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7–1/2 min QUAD (PARIETTE DRAW SW)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SUNDANCE 4–6–9–18, TOP OF HOLE LOCATED AS SHOWN IN LOT 5; BOTTOM OF HOLE LOCATED AS SHOWN IN LOT 4 OF SECTION 6, T9S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.

N

Note:
The Bottom of hole bears N02°43'44"W 1388.97' from the Top of Hole.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781–2501

SCALE: 1" = 1000'	SURVEYED BY: C.M. / K.G.S.
DATE: 10–12–05	DRAWN BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY
SUNDANCE FEDERAL #4-6-9-18
AT PROPOSED ZONE: NW/NW SECTION 6, T9S, R18E
AT SURFACE: SW/NW SECTION 6, T9S, R18E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. ***GEOLOGIC SURFACE FORMATION:***

Uinta formation of Upper Eocene Age

2. ***ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:***

Uinta	0' – 2202'
Green River	2202'
Wasatch	5959'

3. ***ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:***

Green River Formation 2202' – 5959' - Oil

4. ***PROPOSED CASING PROGRAM***

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. ***MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:***

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. ***TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:***

Please refer to the Monument Butte Field SOP.

7. ***AUXILIARY SAFETY EQUIPMENT TO BE USED:***

Please refer to the Monument Butte Field SOP.

8. ***TESTING, LOGGING AND CORING PROGRAMS:***

Please refer to the Monument Butte Field SOP.

9. ***ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:***

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ***ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:***

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
SUNDANCE FEDERAL #4-6-9-18
AT PROPOSED ZONE: NW/NW SECTION 6, T9S, R18E
AT SURFACE: SW/NW SECTION 6, T9S, R18E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Sundance Federal #4-6-9-18 located at surface in the SW 1/4 NW 1/4 Section 6, T9S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 – 15.3 miles ± to it's junction with an existing dirt road to the northeast; proceed northeasterly – 0.9 miles ± to the beginning of a two track road to be upgraded; proceed along this road – 0.8 miles ± to it's junction with the beginning of the proposed access road; proceed westerly and then northerly along the proposed access road 2,370' ± to the proposed #5-6-9-18 well location.

2. PLANNED ACCESS ROAD

The proposed well will be drilled directionally off of the proposed Federal 5-6-9-18 well pad. See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Due to flood plain issues it is proposed that this well will be drilled directionally off of the proposed Federal 5-6-9-18 well pad.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ***ANCILLARY FACILITIES***

Please refer to the Monument Butte Field SOP.

9. ***WELL SITE LAYOUT***

See attached Location Layout Diagram.

10. ***PLANS FOR RESTORATION OF SURFACE***

Please refer to the Monument Butte Field SOP.

11. ***SURFACE OWNERSHIP*** - Bureau Of Land Management (Proposed location and access roads leading to).

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #01-164, 12/7/01. Paleontological Resource Survey prepared by, Wade E. Miller, 3/19/03. See attached report cover pages, Exhibit "D".

For the Sundance Federal #4-6-9-18 Newfield Production Company requests 2370' of disturbed area be granted in Lease UTU-65970 to allow for construction of the proposed access road leading to the proposed #5-6-9-18 well location. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 2370' of disturbed area be granted in Lease UTU-65970 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal
Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species
None.

Reserve Pit Liner
Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation
Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	*Agropyron Cristatum*	12 lbs/acre

Details of the On-Site Inspection
The proposed Sundance Federal #4-6-9-18 was on-sited on 7/13/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. *LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION*

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #4-6-9-18 NW/NW Section 6, Township 9S, Range 18E: Lease UTU-65970 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

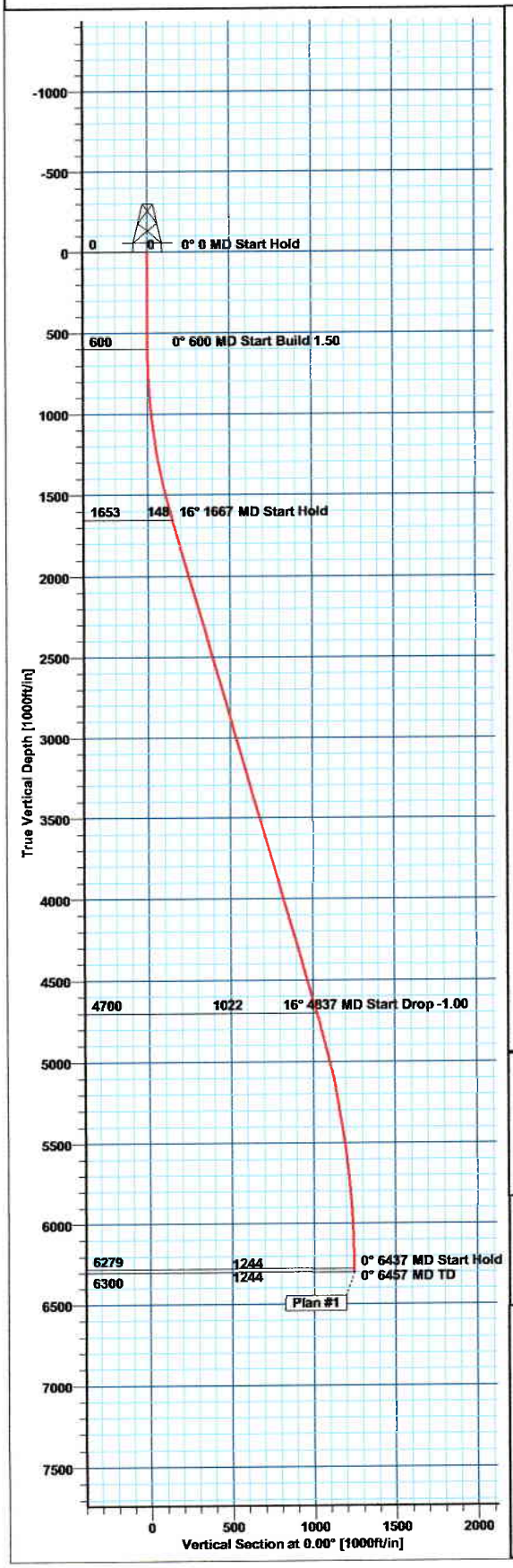
6/21/06
Date

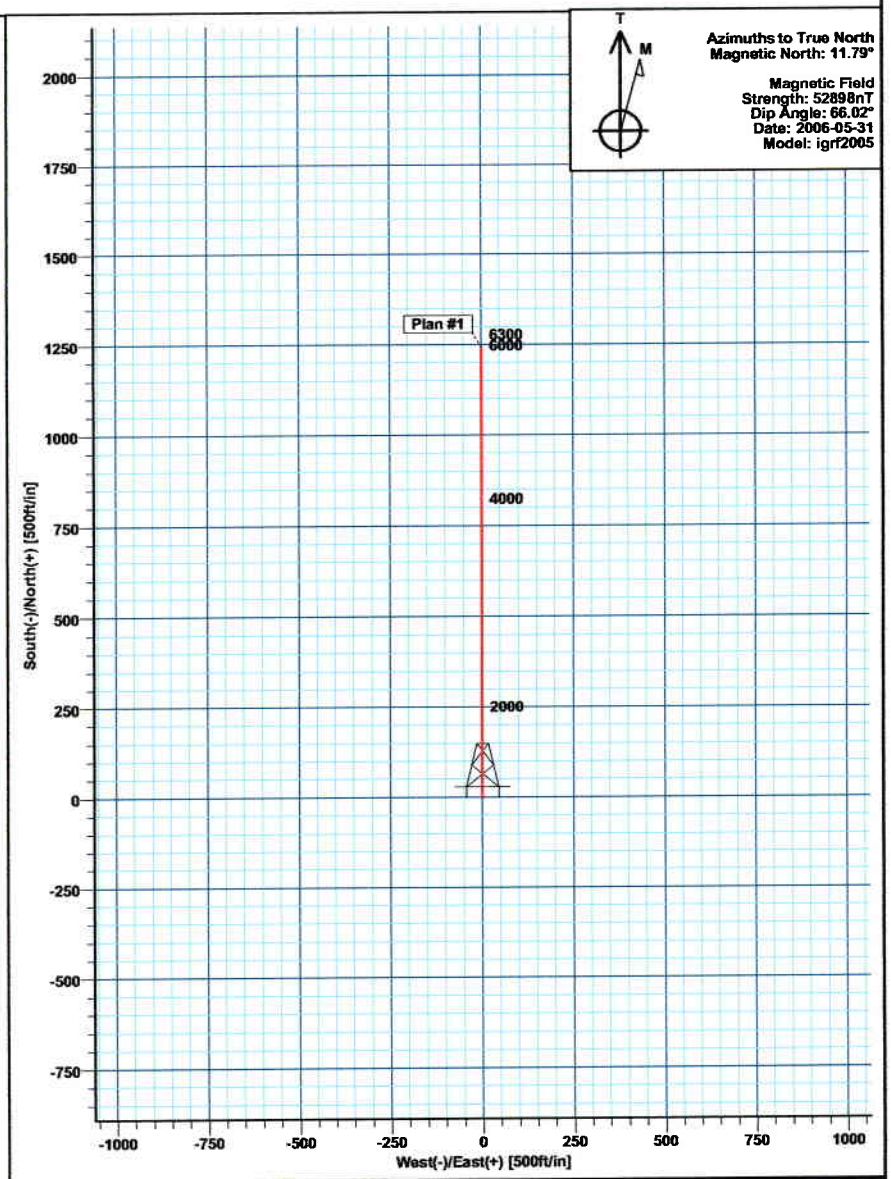
Mandie Crozier
Regulatory Specialist
Newfield Production Company

Scientific Drilling
Rocky Mountain Operations

Field: Uintah County, UT
Site: Sundance Federal 4-6-9-18
Well: 4-6-9-18
Wellpath: OH
Plan: Plan #1

Newfield Exploration Co.





SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1666.67	16.00	0.00	1652.86	147.97	0.00	1.50	0.00	147.97	
4	4836.61	16.00	0.00	4700.00	1021.72	0.00	0.00	0.00	1021.72	
5	6436.61	0.00	0.00	6279.29	1243.68	0.00	1.00	180.00	1243.68	
6	6457.32	0.00	0.00	6300.00	1243.68	0.00	0.00	0.00	1243.68	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
4-6-9-18	0.00	0.00	633261.89	2435970.27	40°03'41.588N	109°56'32.232W	N/A

SITE DETAILS

Sundance Federal 4-6-9-18
Sec. 6 T9S R18E
Approximate Surface Location

Site Centre Latitude: 40°03'41.588N
Longitude: 109°56'32.232W

Water Depth: 0.00
Positional Uncertainty: 0.00
Convergence: 1.00

Plan: Plan #1 (4-6-9-18/OH)
Created By: Julie Seaman Date: 2006-05-31

FIELD DETAILS

Uintah County, UT

Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: Utah, Central Zone
Magnetic Model: igrf2005

System Datum: Mean Sea Level
Local North: True North

Scientific Drilling
Rocky Mountain Operations

Scientific Drilling International
Planning Report

Company:	Newfield Exploration Co.	**Date:**	2006-05-31	**Time:** 09:34:43	**Page:** 1
Field:	Uintah County, UT	**Co-ordinate(NE) Reference:**	Well: 4-6-9-18, True North		
Site:	Sundance Federal 4-6-9-18	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	4-6-9-18	**Section (VS) Reference:**	Well (0.00N,0.00E,0.00Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Field: Uintah County, UT

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: Sundance Federal 4-6-9-18
Sec. 6 T9S R18E
Approximate Surface Location

Site Position: **Northing:** 633261.89 ft **Latitude:** 40 3 41.588 N
From: Geographic **Easting:** 2435970.27 ft **Longitude:** 109 56 32.232 W
Position Uncertainty: 0.00 ft **North Reference:** True
Ground Level: 0.00 ft **Grid Convergence:** 1.00 deg

Well: 4-6-9-18 **Slot Name:**
SHL: 2067' FNL, 709' FWL

Well Position:					
+N/-S	0.00 ft	**Northing:** 633261.89 ft	**Latitude:**	40 3 41.588 N	
+E/-W	0.00 ft	**Easting:** 2435970.27 ft	**Longitude:**	109 56 32.232 W	
Position Uncertainty:	0.00 ft				

Wellpath: OH
Drilled From: Surface
Tie-on Depth: 0.00 ft
Current Datum: SITE **Height** 0.00 ft **Above System Datum:** Mean Sea Level
Magnetic Data: 2006-05-31 **Declination:** 11.79 deg
Field Strength: 52898 nT **Mag Dip Angle:** 66.02 deg

Vertical Section: Depth From (TVD) ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	0.00

Plan: Plan #1 **Date Composed:** 2006-05-31
Version: 1
Principal: Yes **Tied-to:** From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1666.67	16.00	0.00	1652.86	147.97	0.00	1.50	1.50	0.00	0.00	
4836.61	16.00	0.00	4700.00	1021.72	0.00	0.00	0.00	0.00	0.00	
6436.61	0.00	0.00	6279.29	1243.68	0.00	1.00	-1.00	0.00	180.00	
6457.32	0.00	0.00	6300.00	1243.68	0.00	0.00	0.00	0.00	0.00	

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section 2 : Start Build 1.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
700.00	1.50	0.00	699.99	1.31	0.00	1.31	1.50	1.50	0.00	0.00
800.00	3.00	0.00	799.91	5.23	0.00	5.23	1.50	1.50	0.00	0.00
900.00	4.50	0.00	899.69	11.77	0.00	11.77	1.50	1.50	0.00	0.00
1000.00	6.00	0.00	999.27	20.92	0.00	20.92	1.50	1.50	0.00	0.00
1100.00	7.50	0.00	1098.57	32.68	0.00	32.68	1.50	1.50	0.00	0.00
1200.00	9.00	0.00	1197.54	47.03	0.00	47.03	1.50	1.50	0.00	0.00

Scientific Drilling
Rocky Mountain Operations

Scientific Drilling International
Planning Report

Company:	Newfield Exploration Co.	**Date:** 2006-05-31	**Time:** 09:34:43	**Page:**	2
Field:	Uintah County, UT	**Co-ordinate(NE) Reference:**	Well: 4-6-9-18, True North		
Site:	Sundance Federal 4-6-9-18	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	4-6-9-18	**Section (VS) Reference:**	Well (0.00N,0.00E,0.00Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Section 2 : Start Build 1.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1300.00	10.50	0.00	1296.09	63.96	0.00	63.96	1.50	1.50	0.00	0.00
1400.00	12.00	0.00	1394.16	83.47	0.00	83.47	1.50	1.50	0.00	0.00
1500.00	13.50	0.00	1491.70	105.54	0.00	105.54	1.50	1.50	0.00	0.00
1600.00	15.00	0.00	1588.62	130.15	0.00	130.15	1.50	1.50	0.00	0.00
1666.67	16.00	0.00	1652.86	147.97	0.00	147.97	1.50	1.50	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1700.00	16.00	0.00	1684.90	157.16	0.00	157.16	0.00	0.00	0.00	0.00
1800.00	16.00	0.00	1781.03	184.72	0.00	184.72	0.00	0.00	0.00	0.00
1900.00	16.00	0.00	1877.15	212.28	0.00	212.28	0.00	0.00	0.00	0.00
2000.00	16.00	0.00	1973.28	239.85	0.00	239.85	0.00	0.00	0.00	0.00
2100.00	16.00	0.00	2069.40	267.41	0.00	267.41	0.00	0.00	0.00	0.00
2200.00	16.00	0.00	2165.53	294.98	0.00	294.98	0.00	0.00	0.00	0.00
2300.00	16.00	0.00	2261.66	322.54	0.00	322.54	0.00	0.00	0.00	0.00
2400.00	16.00	0.00	2357.78	350.10	0.00	350.10	0.00	0.00	0.00	0.00
2500.00	16.00	0.00	2453.91	377.67	0.00	377.67	0.00	0.00	0.00	0.00
2600.00	16.00	0.00	2550.03	405.23	0.00	405.23	0.00	0.00	0.00	0.00
2700.00	16.00	0.00	2646.16	432.79	0.00	432.79	0.00	0.00	0.00	0.00
2800.00	16.00	0.00	2742.29	460.36	0.00	460.36	0.00	0.00	0.00	0.00
2900.00	16.00	0.00	2838.41	487.92	0.00	487.92	0.00	0.00	0.00	0.00
3000.00	16.00	0.00	2934.54	515.49	0.00	515.49	0.00	0.00	0.00	0.00
3100.00	16.00	0.00	3030.67	543.05	0.00	543.05	0.00	0.00	0.00	0.00
3200.00	16.00	0.00	3126.79	570.61	0.00	570.61	0.00	0.00	0.00	0.00
3300.00	16.00	0.00	3222.92	598.18	0.00	598.18	0.00	0.00	0.00	0.00
3400.00	16.00	0.00	3319.04	625.74	0.00	625.74	0.00	0.00	0.00	0.00
3500.00	16.00	0.00	3415.17	653.30	0.00	653.30	0.00	0.00	0.00	0.00
3600.00	16.00	0.00	3511.30	680.87	0.00	680.87	0.00	0.00	0.00	0.00
3700.00	16.00	0.00	3607.42	708.43	0.00	708.43	0.00	0.00	0.00	0.00
3800.00	16.00	0.00	3703.55	736.00	0.00	736.00	0.00	0.00	0.00	0.00
3900.00	16.00	0.00	3799.67	763.56	0.00	763.56	0.00	0.00	0.00	0.00
4000.00	16.00	0.00	3895.80	791.12	0.00	791.12	0.00	0.00	0.00	0.00
4100.00	16.00	0.00	3991.93	818.69	0.00	818.69	0.00	0.00	0.00	0.00
4200.00	16.00	0.00	4088.05	846.25	0.00	846.25	0.00	0.00	0.00	0.00
4300.00	16.00	0.00	4184.18	873.81	0.00	873.81	0.00	0.00	0.00	0.00
4400.00	16.00	0.00	4280.31	901.38	0.00	901.38	0.00	0.00	0.00	0.00
4500.00	16.00	0.00	4376.43	928.94	0.00	928.94	0.00	0.00	0.00	0.00
4600.00	16.00	0.00	4472.56	956.51	0.00	956.51	0.00	0.00	0.00	0.00
4700.00	16.00	0.00	4568.68	984.07	0.00	984.07	0.00	0.00	0.00	0.00
4800.00	16.00	0.00	4664.81	1011.63	0.00	1011.63	0.00	0.00	0.00	0.00
4836.61	16.00	0.00	4700.00	1021.72	0.00	1021.72	0.00	0.00	0.00	0.00

Section 4 : Start Drop -1.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4900.00	15.37	0.00	4761.03	1038.86	0.00	1038.86	1.00	-1.00	0.00	180.00
5000.00	14.37	0.00	4857.68	1064.52	0.00	1064.52	1.00	-1.00	0.00	180.00
5100.00	13.37	0.00	4954.77	1088.48	0.00	1088.48	1.00	-1.00	0.00	180.00
5200.00	12.37	0.00	5052.26	1110.75	0.00	1110.75	1.00	-1.00	0.00	180.00
5300.00	11.37	0.00	5150.12	1131.31	0.00	1131.31	1.00	-1.00	0.00	180.00
5400.00	10.37	0.00	5248.32	1150.16	0.00	1150.16	1.00	-1.00	0.00	180.00
5500.00	9.37	0.00	5346.84	1167.29	0.00	1167.29	1.00	-1.00	0.00	180.00
5600.00	8.37	0.00	5445.65	1182.71	0.00	1182.71	1.00	-1.00	0.00	180.00
5700.00	7.37	0.00	5544.71	1196.39	0.00	1196.39	1.00	-1.00	0.00	180.00
5800.00	6.37	0.00	5643.99	1208.35	0.00	1208.35	1.00	-1.00	0.00	180.00
5900.00	5.37	0.00	5743.46	1218.57	0.00	1218.57	1.00	-1.00	0.00	180.00
6000.00	4.37	0.00	5843.10	1227.05	0.00	1227.05	1.00	-1.00	0.00	180.00
6100.00	3.37	0.00	5942.87	1233.79	0.00	1233.79	1.00	-1.00	0.00	180.00
6200.00	2.37	0.00	6042.75	1238.79	0.00	1238.79	1.00	-1.00	0.00	180.00
6300.00	1.37	0.00	6142.69	1242.05	0.00	1242.05	1.00	-1.00	0.00	180.00
6400.00	0.37	0.00	6242.68	1243.56	0.00	1243.56	1.00	-1.00	0.00	180.00

Scientific Drilling
Rocky Mountain Operations

Scientific Drilling International
Planning Report

Company:	Newfield Exploration Co.	**Date:**	2006-05-31	**Time:** 09:34:43	**Page:** 3
Field:	Uintah County, UT	**Co-ordinate(NE) Reference:**	Well: 4-6-9-18, True North		
Site:	Sundance Federal 4-6-9-18	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	4-6-9-18	**Section (VS) Reference:**	Well (0.00N,0.00E,0.00Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Section 4 : Start Drop -1.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6436.61	0.00	0.00	6279.29	1243.68	0.00	1243.68	1.00	-1.00	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6457.32	0.00	0.00	6300.00	1243.68	0.00	1243.68	0.00	0.00	0.00	0.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
700.00	1.50	0.00	699.99	1.31	0.00	1.31	1.50	1.50	0.00	MWD
800.00	3.00	0.00	799.91	5.23	0.00	5.23	1.50	1.50	0.00	MWD
900.00	4.50	0.00	899.69	11.77	0.00	11.77	1.50	1.50	0.00	MWD
1000.00	6.00	0.00	999.27	20.92	0.00	20.92	1.50	1.50	0.00	MWD
1100.00	7.50	0.00	1098.57	32.68	0.00	32.68	1.50	1.50	0.00	MWD
1200.00	9.00	0.00	1197.54	47.03	0.00	47.03	1.50	1.50	0.00	MWD
1300.00	10.50	0.00	1296.09	63.96	0.00	63.96	1.50	1.50	0.00	MWD
1400.00	12.00	0.00	1394.16	83.47	0.00	83.47	1.50	1.50	0.00	MWD
1500.00	13.50	0.00	1491.70	105.54	0.00	105.54	1.50	1.50	0.00	MWD
1600.00	15.00	0.00	1588.62	130.15	0.00	130.15	1.50	1.50	0.00	MWD
1666.67	16.00	0.00	1652.86	147.97	0.00	147.97	1.50	1.50	0.00	MWD
1700.00	16.00	0.00	1684.90	157.16	0.00	157.16	0.00	0.00	0.00	MWD
1800.00	16.00	0.00	1781.03	184.72	0.00	184.72	0.00	0.00	0.00	MWD
1900.00	16.00	0.00	1877.15	212.28	0.00	212.28	0.00	0.00	0.00	MWD
2000.00	16.00	0.00	1973.28	239.85	0.00	239.85	0.00	0.00	0.00	MWD
2100.00	16.00	0.00	2069.40	267.41	0.00	267.41	0.00	0.00	0.00	MWD
2200.00	16.00	0.00	2165.53	294.98	0.00	294.98	0.00	0.00	0.00	MWD
2300.00	16.00	0.00	2261.66	322.54	0.00	322.54	0.00	0.00	0.00	MWD
2400.00	16.00	0.00	2357.78	350.10	0.00	350.10	0.00	0.00	0.00	MWD
2500.00	16.00	0.00	2453.91	377.67	0.00	377.67	0.00	0.00	0.00	MWD
2600.00	16.00	0.00	2550.03	405.23	0.00	405.23	0.00	0.00	0.00	MWD
2700.00	16.00	0.00	2646.16	432.79	0.00	432.79	0.00	0.00	0.00	MWD
2800.00	16.00	0.00	2742.29	460.36	0.00	460.36	0.00	0.00	0.00	MWD
2900.00	16.00	0.00	2838.41	487.92	0.00	487.92	0.00	0.00	0.00	MWD
3000.00	16.00	0.00	2934.54	515.49	0.00	515.49	0.00	0.00	0.00	MWD
3100.00	16.00	0.00	3030.67	543.05	0.00	543.05	0.00	0.00	0.00	MWD
3200.00	16.00	0.00	3126.79	570.61	0.00	570.61	0.00	0.00	0.00	MWD
3300.00	16.00	0.00	3222.92	598.18	0.00	598.18	0.00	0.00	0.00	MWD
3400.00	16.00	0.00	3319.04	625.74	0.00	625.74	0.00	0.00	0.00	MWD
3500.00	16.00	0.00	3415.17	653.30	0.00	653.30	0.00	0.00	0.00	MWD
3600.00	16.00	0.00	3511.30	680.87	0.00	680.87	0.00	0.00	0.00	MWD
3700.00	16.00	0.00	3607.42	708.43	0.00	708.43	0.00	0.00	0.00	MWD
3800.00	16.00	0.00	3703.55	736.00	0.00	736.00	0.00	0.00	0.00	MWD
3900.00	16.00	0.00	3799.67	763.56	0.00	763.56	0.00	0.00	0.00	MWD
4000.00	16.00	0.00	3895.80	791.12	0.00	791.12	0.00	0.00	0.00	MWD
4100.00	16.00	0.00	3991.93	818.69	0.00	818.69	0.00	0.00	0.00	MWD
4200.00	16.00	0.00	4088.05	846.25	0.00	846.25	0.00	0.00	0.00	MWD

Company:	Newfield Exploration Co.	**Date:** 2006-05-31	**Time:** 09:34:43	**Page:**	4
Field:	Uintah County, UT	**Co-ordinate(NE) Reference:**	Well: 4-6-9-18, True North		
Site:	Sundance Federal 4-6-9-18	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	4-6-9-18	**Section (VS) Reference:**	Well (0.00N,0.00E,0.00Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
4300.00	16.00	0.00	4184.18	873.81	0.00	873.81	0.00	0.00	0.00	MWD
4400.00	16.00	0.00	4280.31	901.38	0.00	901.38	0.00	0.00	0.00	MWD
4500.00	16.00	0.00	4376.43	928.94	0.00	928.94	0.00	0.00	0.00	MWD
4600.00	16.00	0.00	4472.56	956.51	0.00	956.51	0.00	0.00	0.00	MWD
4700.00	16.00	0.00	4568.68	984.07	0.00	984.07	0.00	0.00	0.00	MWD
4800.00	16.00	0.00	4664.81	1011.63	0.00	1011.63	0.00	0.00	0.00	MWD
4836.61	16.00	0.00	4700.00	1021.72	0.00	1021.72	0.00	0.00	0.00	MWD
4900.00	15.37	0.00	4761.03	1038.86	0.00	1038.86	1.00	-1.00	0.00	MWD
5000.00	14.37	0.00	4857.68	1064.52	0.00	1064.52	1.00	-1.00	0.00	MWD
5100.00	13.37	0.00	4954.77	1088.48	0.00	1088.48	1.00	-1.00	0.00	MWD
5200.00	12.37	0.00	5052.26	1110.75	0.00	1110.75	1.00	-1.00	0.00	MWD
5300.00	11.37	0.00	5150.12	1131.31	0.00	1131.31	1.00	-1.00	0.00	MWD
5400.00	10.37	0.00	5248.32	1150.16	0.00	1150.16	1.00	-1.00	0.00	MWD
5500.00	9.37	0.00	5346.84	1167.29	0.00	1167.29	1.00	-1.00	0.00	MWD
5600.00	8.37	0.00	5445.65	1182.71	0.00	1182.71	1.00	-1.00	0.00	MWD
5700.00	7.37	0.00	5544.71	1196.39	0.00	1196.39	1.00	-1.00	0.00	MWD
5800.00	6.37	0.00	5643.99	1208.35	0.00	1208.35	1.00	-1.00	0.00	MWD
5900.00	5.37	0.00	5743.46	1218.57	0.00	1218.57	1.00	-1.00	0.00	MWD
6000.00	4.37	0.00	5843.10	1227.05	0.00	1227.05	1.00	-1.00	0.00	MWD
6100.00	3.37	0.00	5942.87	1233.79	0.00	1233.79	1.00	-1.00	0.00	MWD
6200.00	2.37	0.00	6042.75	1238.79	0.00	1238.79	1.00	-1.00	0.00	MWD
6300.00	1.37	0.00	6142.69	1242.05	0.00	1242.05	1.00	-1.00	0.00	MWD
6400.00	0.37	0.00	6242.68	1243.56	0.00	1243.56	1.00	-1.00	0.00	MWD
6436.61	0.00	0.00	6279.29	1243.68	0.00	1243.68	1.00	-1.00	0.00	MWD
6457.32	0.00	0.00	6300.00	1243.68	0.00	1243.68	0.00	0.00	0.00	MWD

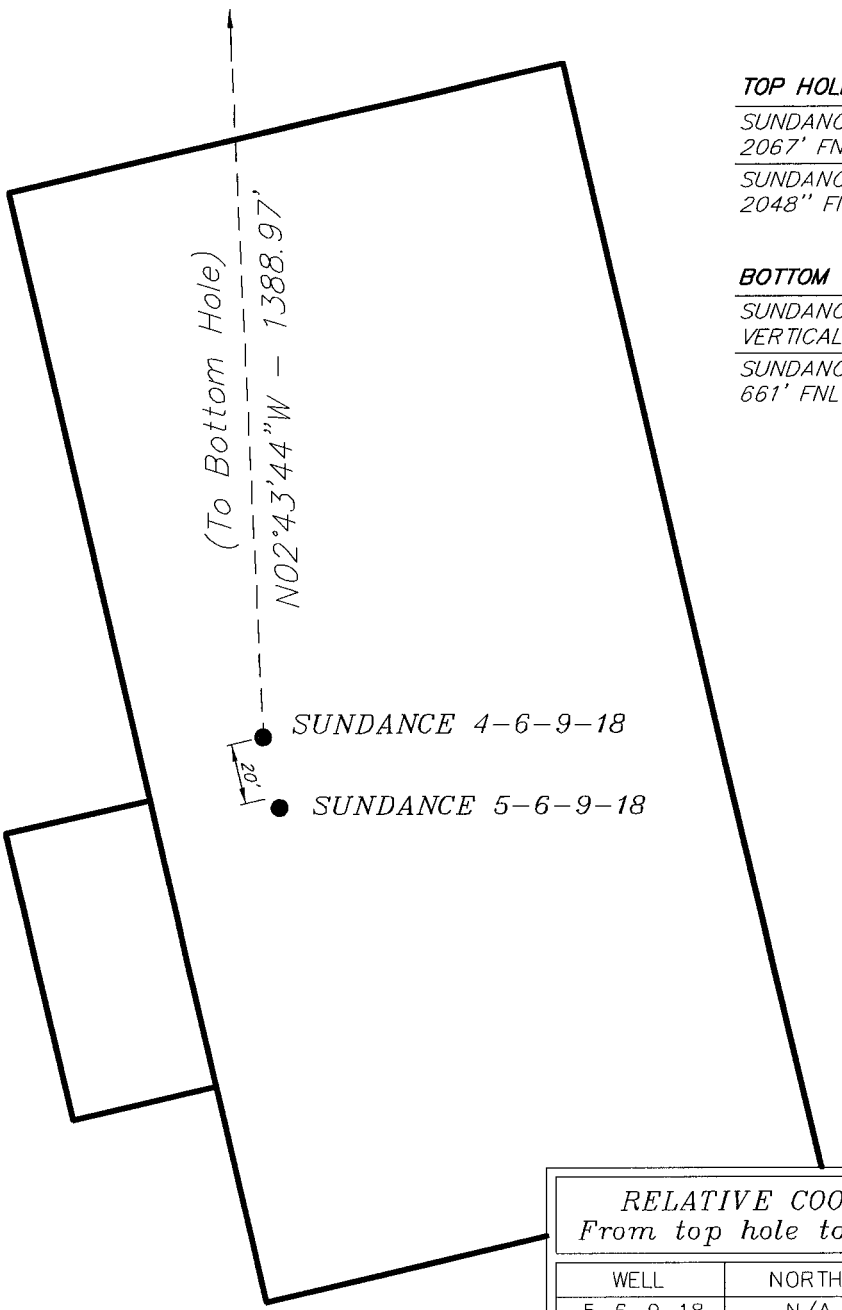
NEWFIELD PRODUCTION COMPANY

INTERFERENCE

SUNDANCE 5-6-9-18

SUNDANCE 4-6-9-18

Section 6, T9S, R18E, S.L.B.&M.



TOP HOLE FOOTAGES

SUNDANCE 5-6-9-18
2067' FNL & 709' FWL

SUNDANCE 4-6-9-18
2048" FNL & 704' FWL

BOTTOM HOLE FOOTAGES

SUNDANCE 5-6-9-18
VERTICAL

SUNDANCE 4-6-9-18
661' FNL & 640' FWL

RELATIVE COORDINATES
From top hole to bottom hole

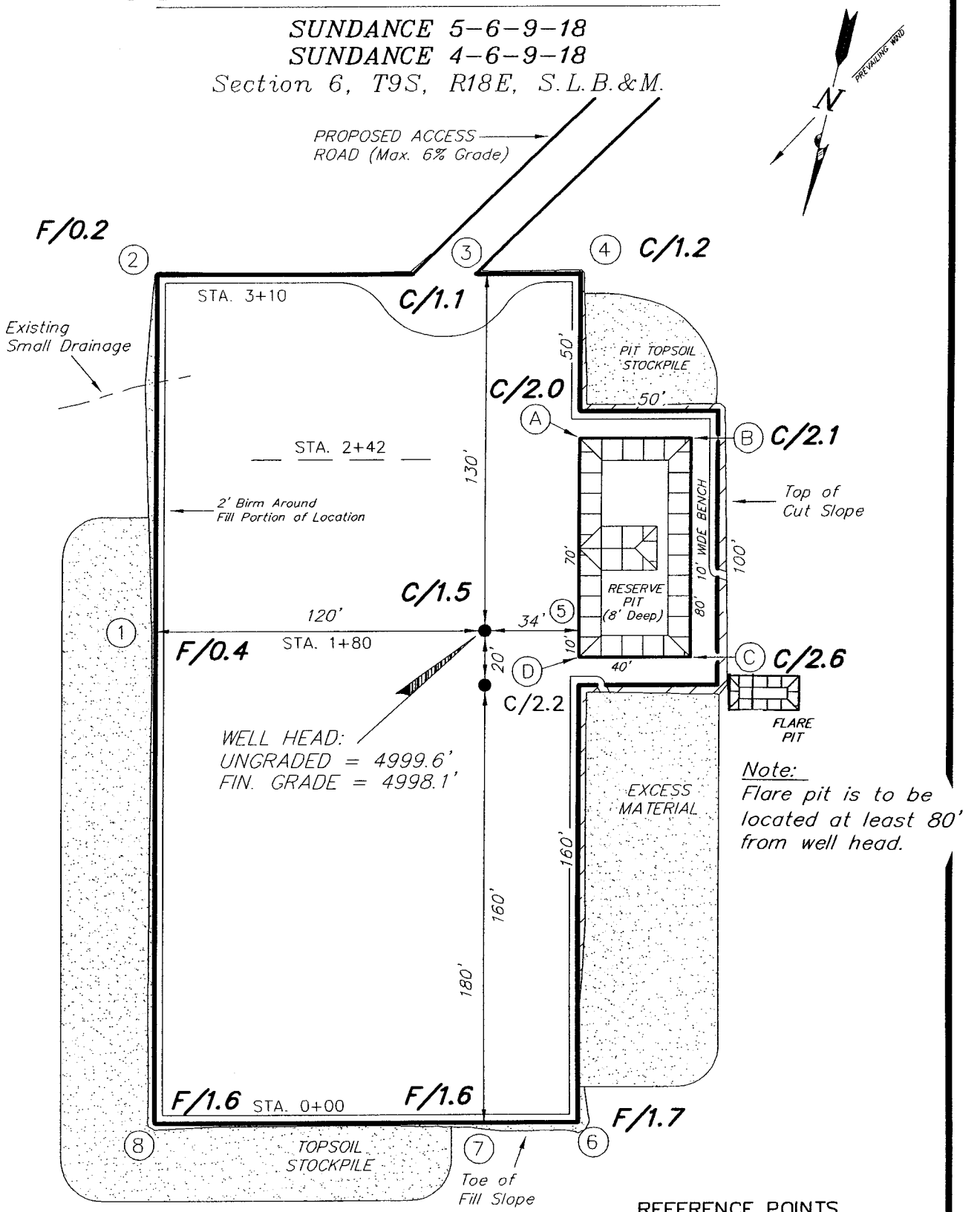
WELL	NORTH	EAST
5-6-9-18	N/A	N/A
4-6-9-18	1,387'	-66'

SURVEYED BY:	C.M. / K.S.	SCALE:	1" = 50'
DRAWN BY:	F.T.M.	DATE:	10-12-05

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

SUNDANCE 5-6-9-18
SUNDANCE 4-6-9-18
Section 6, T9S, R18E, S.L.B.&M.



Note:
Flare pit is to be located at least 80' from well head.

REFERENCE POINTS

230' NORTHERLY = 4997.7'
280' NORTHERLY = 4996.7'

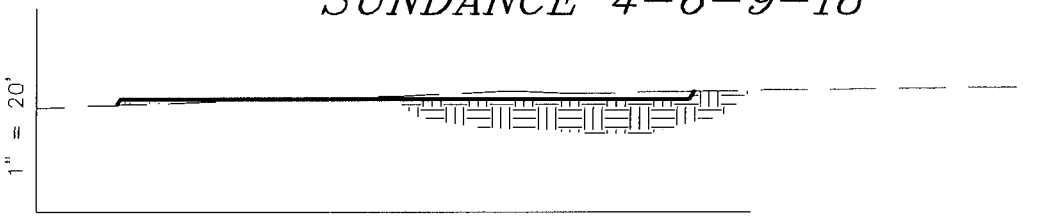
SURVEYED BY: K.G.S. / C.M.		SCALE:	1" = 50'
DRAWN BY: F.T.M.		DATE:	10-12-05

Tri State Land Surveying, Inc.
(435) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

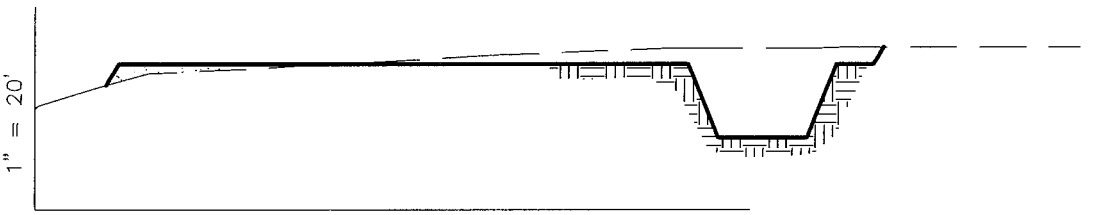
CROSS SECTIONS

SUNDANCE 5-6-9-18
SUNDANCE 4-6-9-18



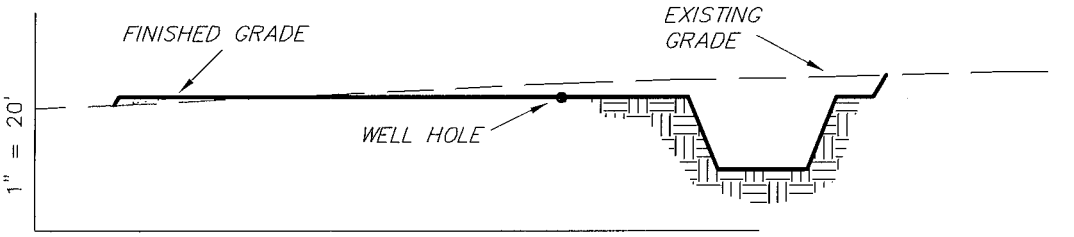
1" = 50'

STA. 3+10



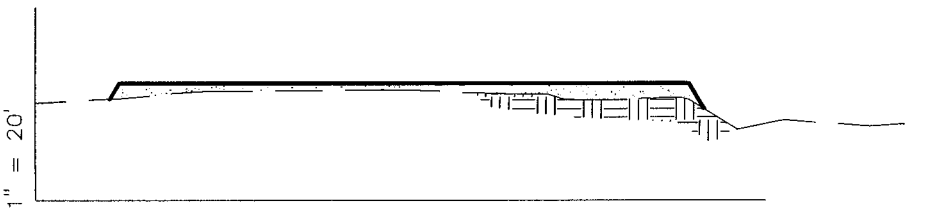
1" = 50'

STA. 2+42



1" = 50'

STA. 1+80



1" = 50'

STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(Expressed in Cubic Yards)

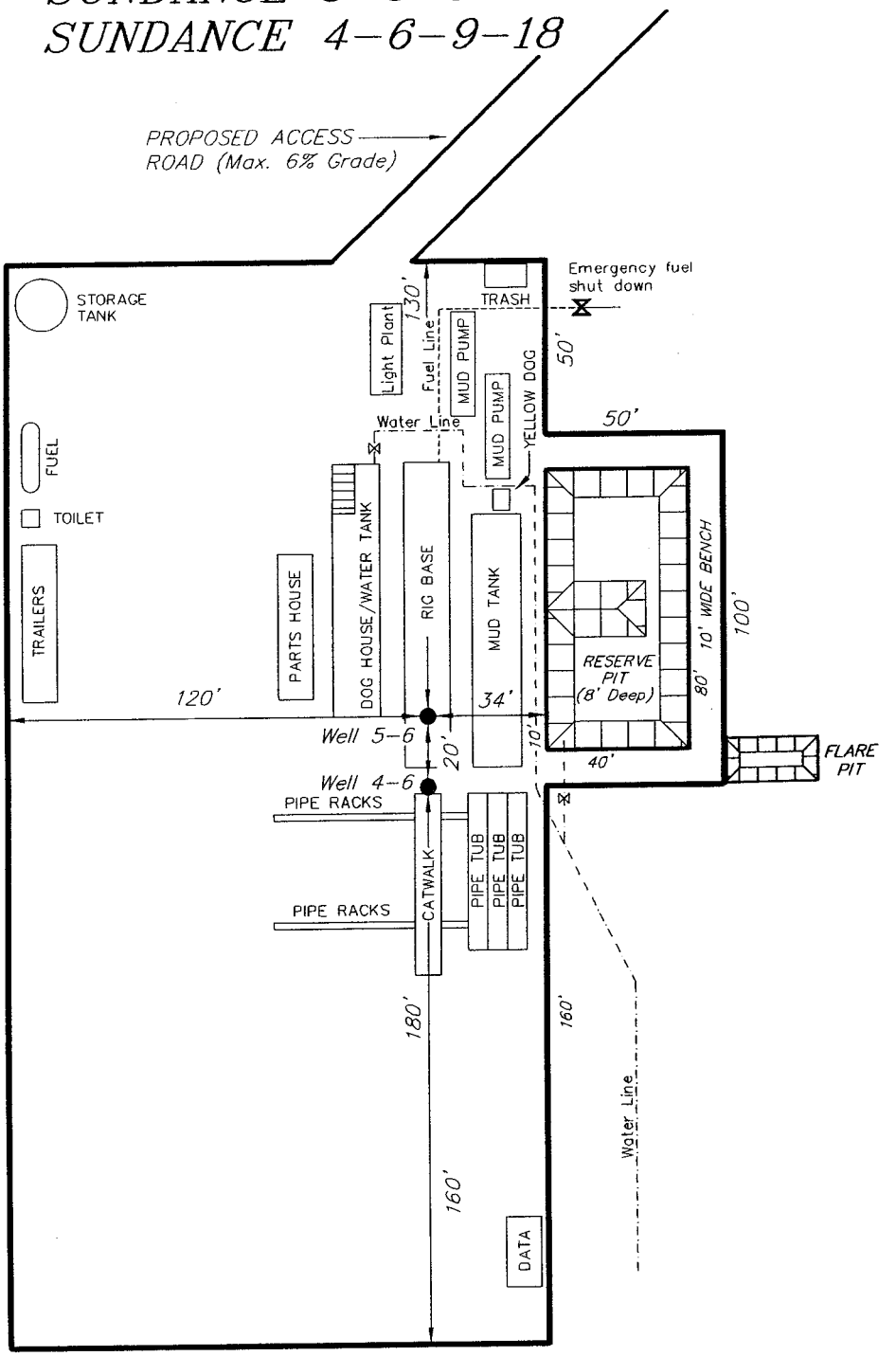
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	890	890	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,530	890	1,020	640

SURVEYED BY: K.G.S. / C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: F.T.M.	DATE: 10-12-05	38 WEST 100 NORTH VERNAL, UTAH 84078	

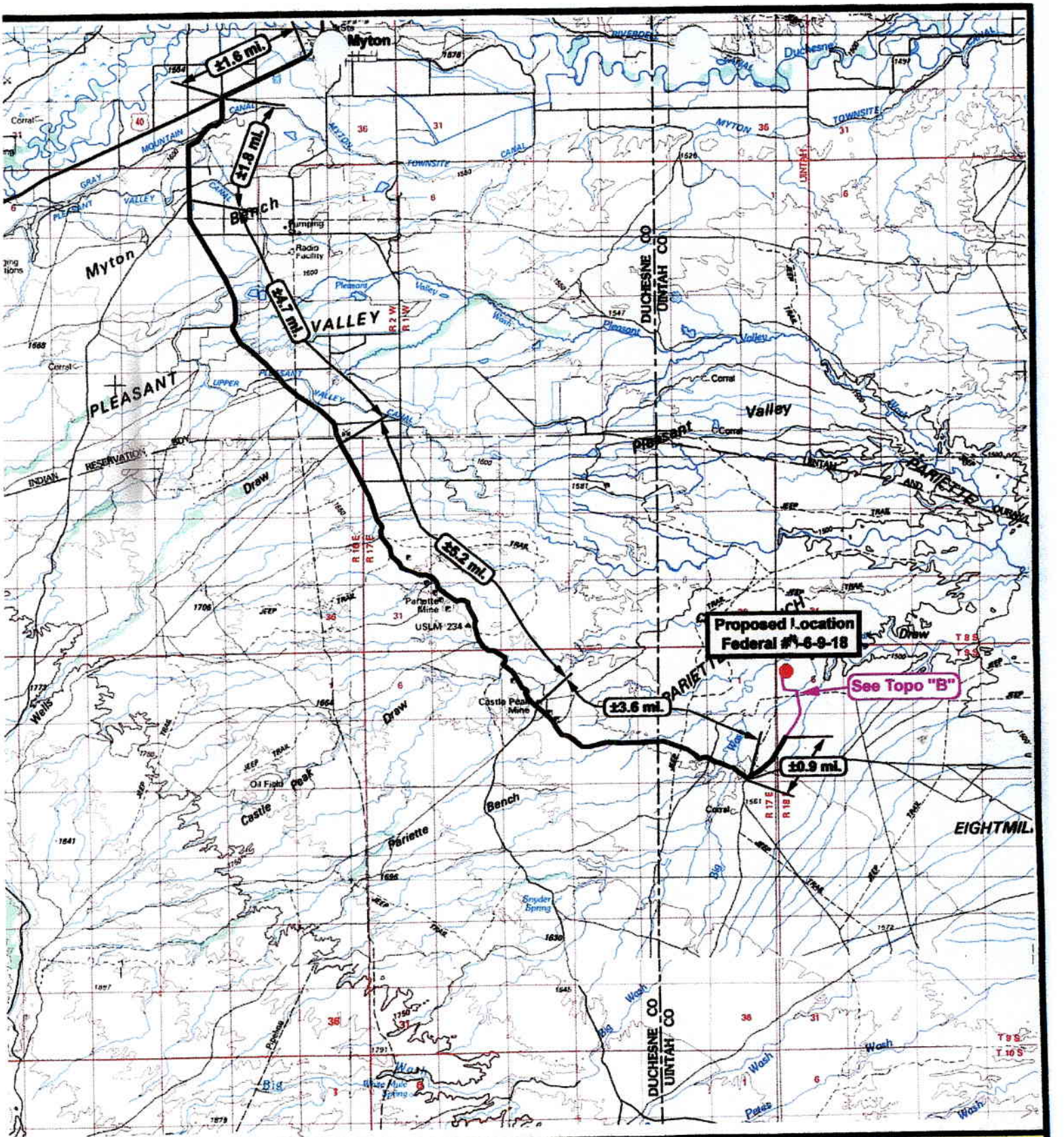
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SUNDANCE 5-6-9-18
SUNDANCE 4-6-9-18



SURVEYED BY: K.G.S. / C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: F.T.M.	DATE: 10-12-05	38 WEST 100 NORTH VERNAL, UTAH 84078	



Inland RESOURCES INC.

Federal #4-6-9-18
SEC. 6, T9S, R18E, S.L.B.&M.

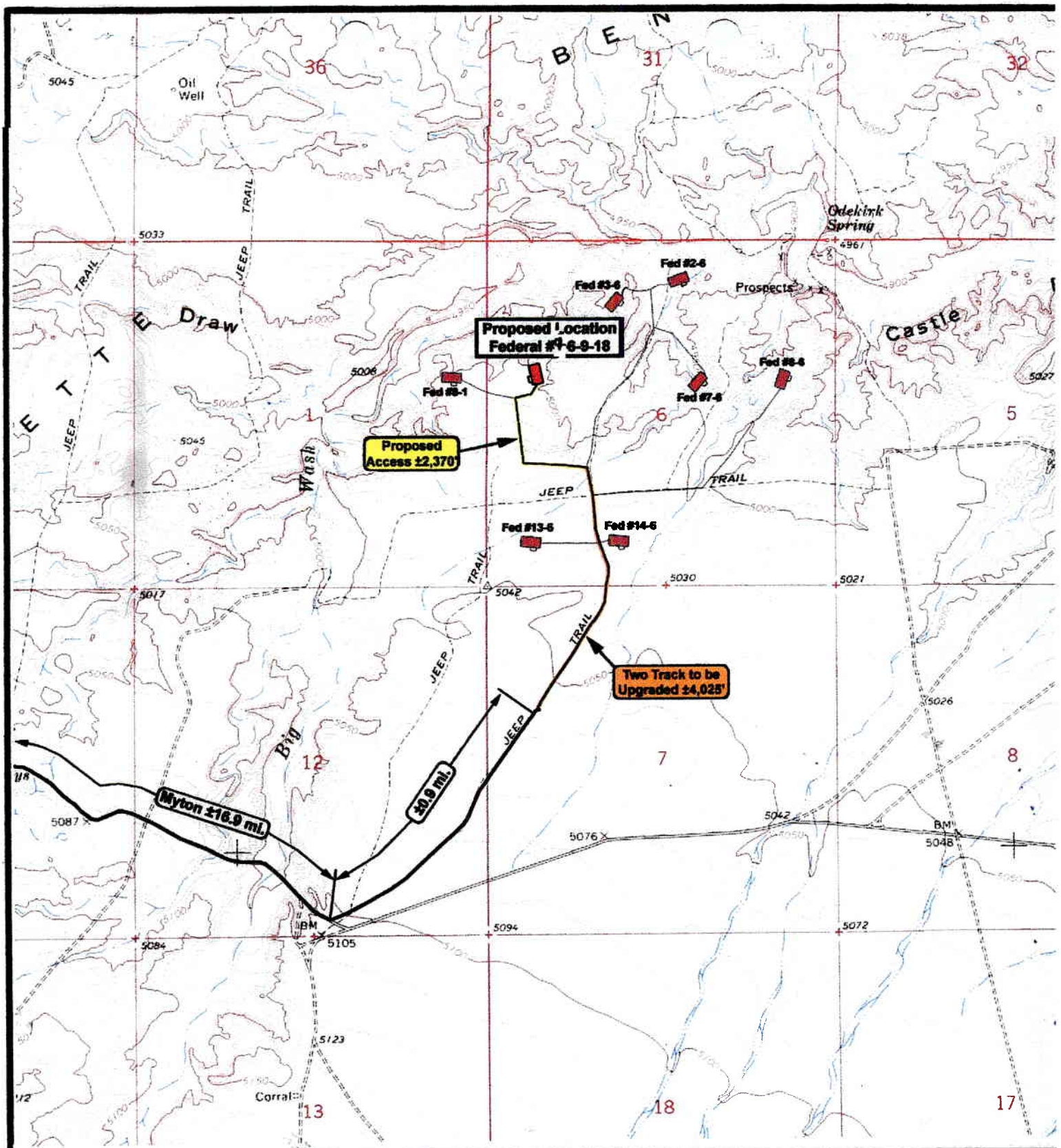
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 120,000
DRAWN BY: R.A.B.
DATE: 03-10-2003

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



Inland RESOURCES INC.

Federal #1-6-9-18
SEC. 6, T9S, R18E, S.L.B.&M.

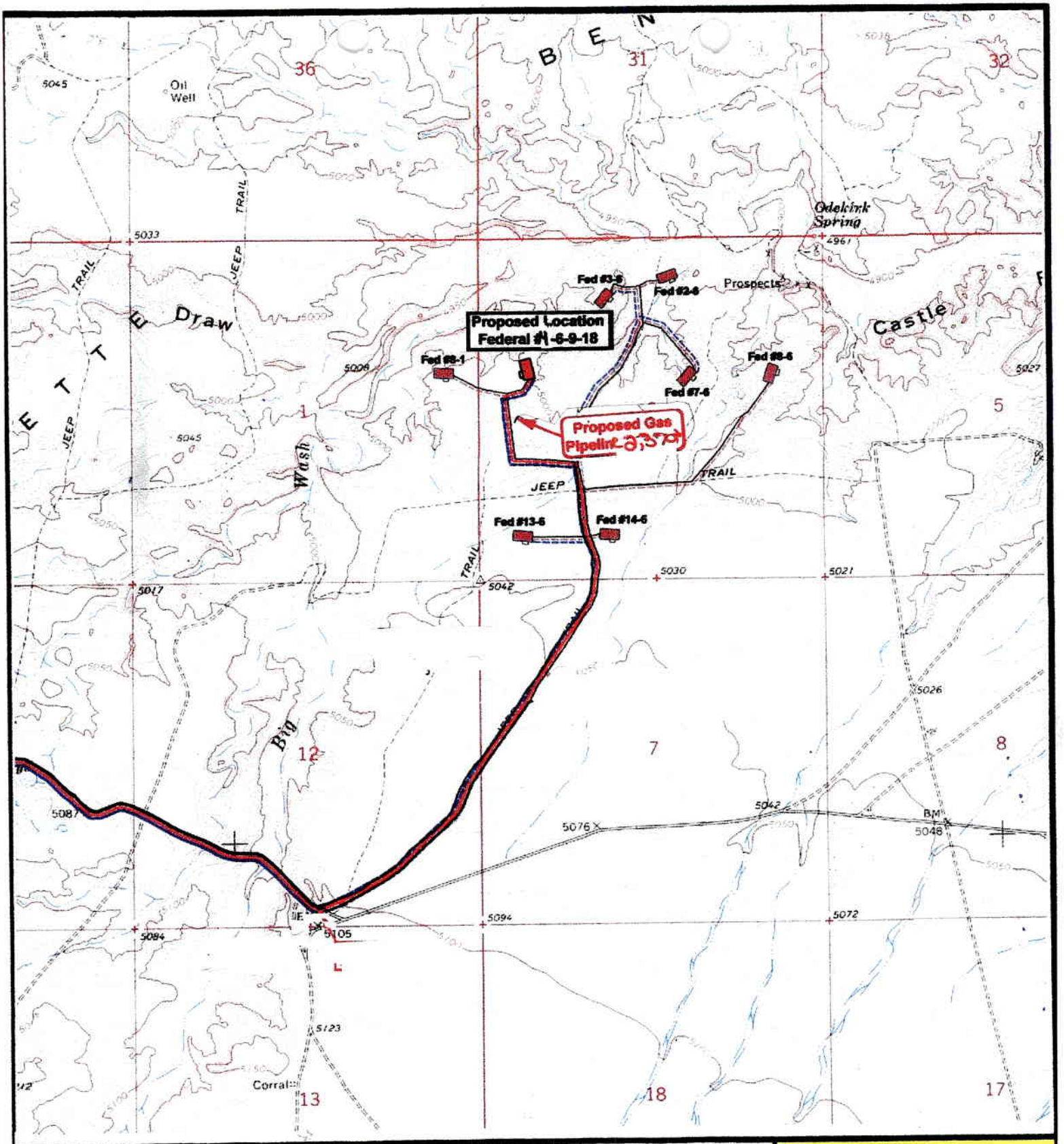
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: R.A.B.
DATE: 03-07-2003

Legend
Existing Road
Proposed Access
Upgraded Access

TOPOGRAPHIC MAP "B"



Legend

- Roads
- Existing Gas Line
- Proposed Gas Line
- Existing Water Line
- Proposed Water Line

Inland RESOURCES INC.

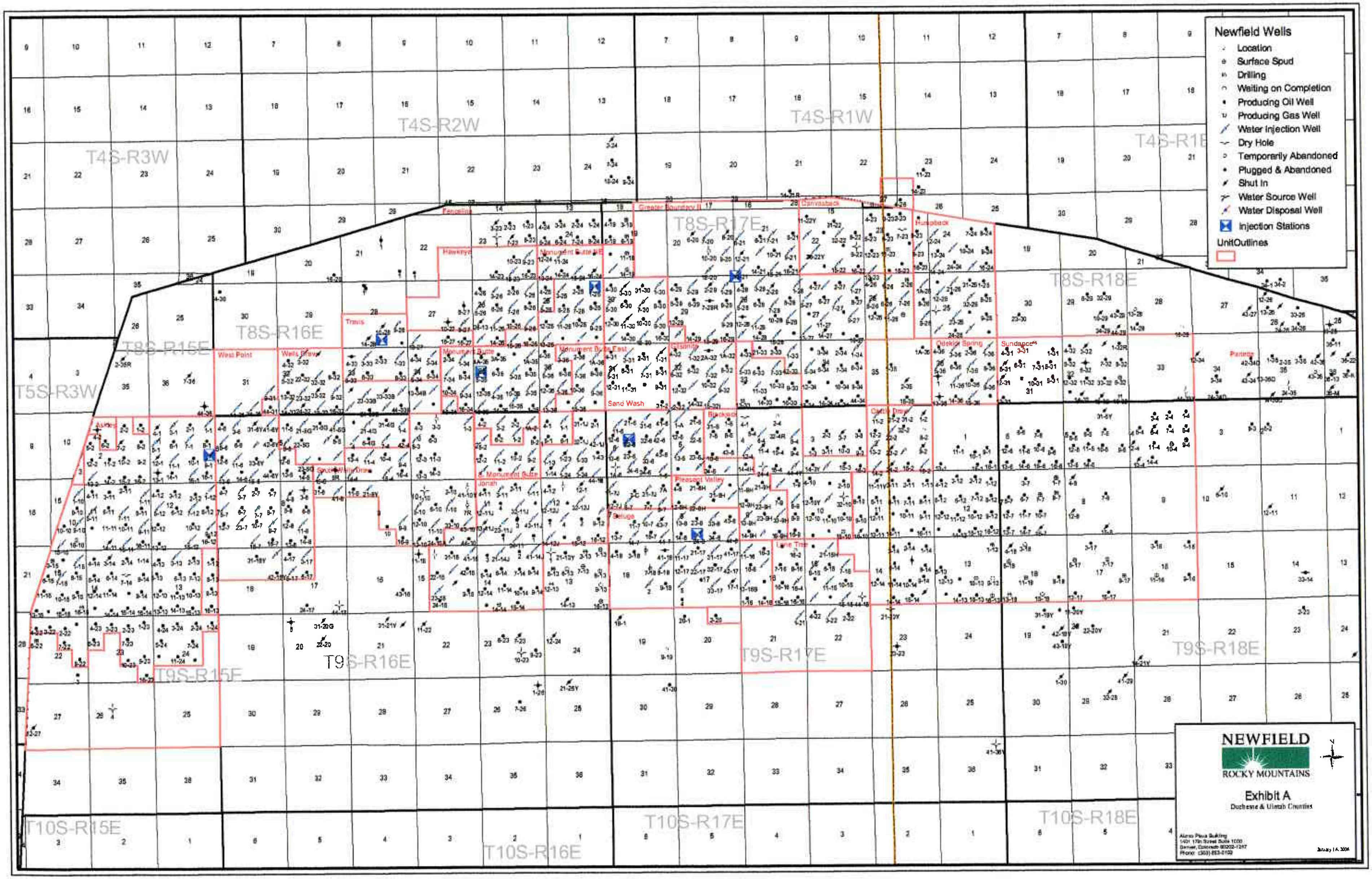
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

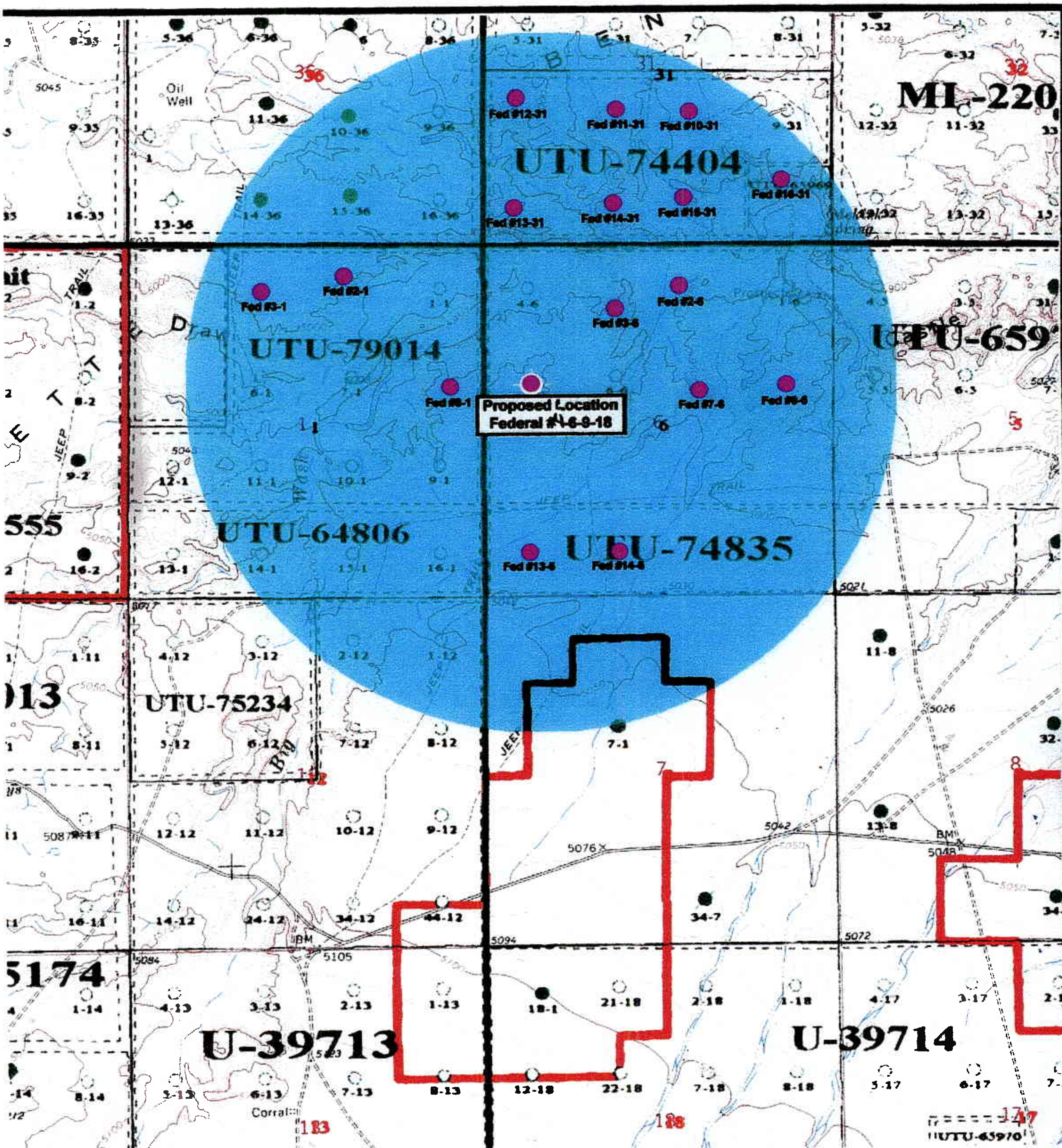
N

SCALE: 1" = 2,000'
DRAWN BY: R.A.B.
DATE: 03-10-2003

TOPOGRAPHIC MAP "C"

Gas and Water Pipelines
Federal #4-6-9-18
SEC. 6, T9S, R18E, S.L.B.&M.


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well
Water Injection Well
Dry Hole
Temporarily Abandoned
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R3W
T4S-R2W
T4S-R1W
T8S-R15E
T8S-R16E
T8S-R17E
T8S-R18E
T5S-R3W
T9S-R15E
T9S-R16E
T9S-R17E
T9S-R18E
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
West Point
Wells Draw
Travis
Hawkeye
Monument Butte
Monument Butte East
Sand Wash
Greater Boundary II
Canvasback
Humpback
Odekirk Spring
Sundance
Paradox
Ashley
South Wells Draw
Jonah
S. Monument Butte
Pleasant Valley
Beluga
Lone Tree
Castle Draw
NEWFIELD
ROCKY MOUNTAINS
Exhibit A
Duchesne & Uintah Counties



Inland RESOURCES INC.

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

N

Legend

Well Locations

One-Mile Radius

Federal #4-6-9-18
SEC. 6, T9S, R18E, S.L.B.&M.

SCALE: 1" = 2,000'
DRAWN BY: R.A.B.
DATE: 03-10-2003

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

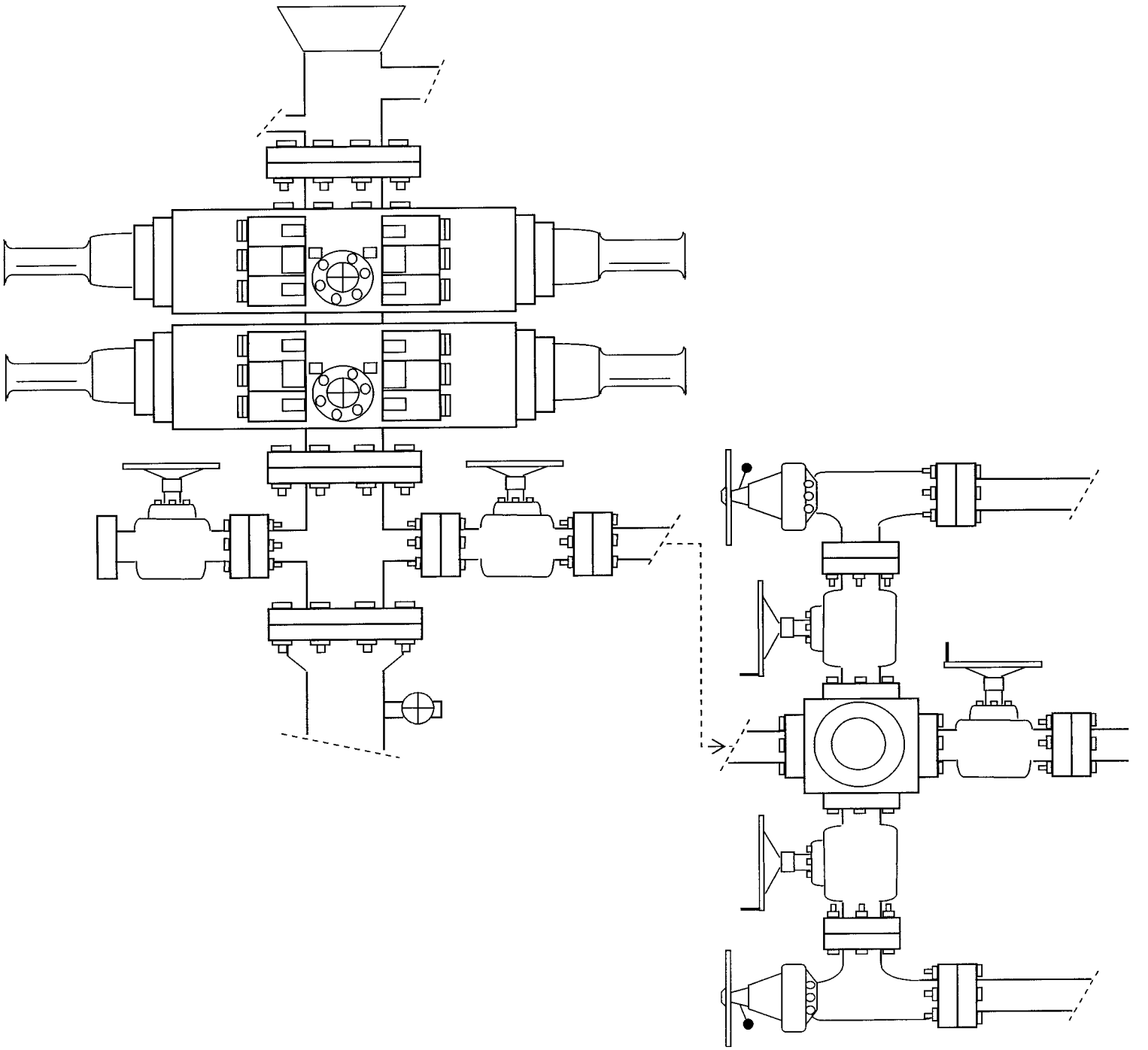


EXHIBIT C

Newfield Production Company
Proposed Site Facility Diagram

Sundance Federal 4-6-9-18

From the 5-6-9-18 Location

LOT #5 SW/NW Sec. 6 T9S, 18E

Uintah County, Utah

UTU-65970

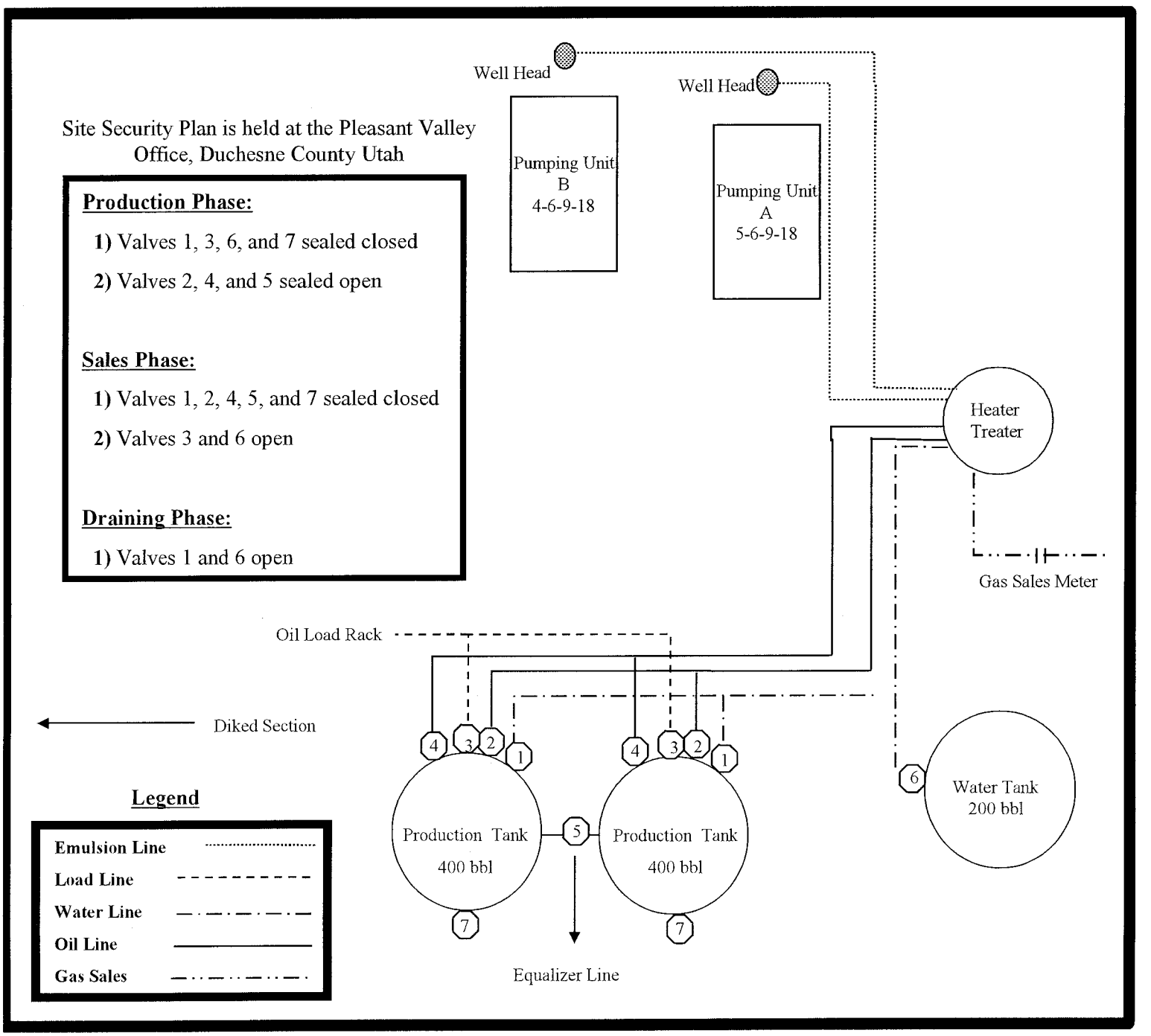


Exhibit "D"
page 1 of 2

CULTURAL RESOURCE INVENTORY OF INLAND RESOURCES' 1170 ACRE ODEKIRK UNIT, IN TOWNSHIP 8S, RANGE 18E, SECTION 31, AND TOWNSHIP 9S, RANGE 18E, SECTION 6, UINTAH COUNTY, UTAH

by

Keith R. Montgomery
and
Sarah Ball

Prepared For:

Bureau of Land Management
Vernal Field Office
Vernal, Utah

Prepared Under Contract With:

Jon D. Holst & Associates
for
Inland Resources
2507 Flintridge Place
Fort Collins, CO 80521

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 01-164

December 7, 2001

United States Department of Interior (FLPMA)
Permit No. 01-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-01-MQ-0787b

INLAND RESOURCES, INC.

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE AND UINTAH COUNTIES, UTAH

(NW 1/4 SE 1/4, Sec. 31, T 8 S, R 17 E, Duchesne County: SW 1/4 NW 1/4, Sec. 1, T 9 S, R 18 E; NE 1/4 NE 1/4, NW 1/4 NE 1/4, NE 1/4 NW 1/4, SE 1/4 NW 1/4, SW 1/4 NE 1/4, SE 1/4 NE 1/4, Sec. 1, T 9 S, R 17 E; all quarter, quarter sections in the North ½, Sec. 6, T 9 S, R 18 E, Uintah County)

REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
March 19, 2003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/05/2006

API NO. ASSIGNED: 43-047-38194

WELL NAME: SUNDANCE FED 4-6-9-18

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SWNW 06 090S 180E

SURFACE: 2048 FNL 0704 FWL

BOTTOM: 0661 FNL 0640 FWL NWNW

COUNTY: UINTAH

LATITUDE: 40.06154 LONGITUDE: -109.9423

UTM SURF EASTINGS: 590205 NORTHINGS: 4434913

FIELD NAME: 8 MILE FLAT NORTH (590)

INSPECT LOCATN BY: / /		
Tech Review	**Initials**	**Date**
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-65970

PROPOSED FORMATION: GRRV

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- ✓ Plat
- ✓ Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000192)
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- ✓ Water Permit (No. MUNICIPAL)
- N RDCC Review (Y/N) (Date:)
- NA Fee Surf Agreement (Y/N)
- NA Intent to Commingle (Y/N)

LOCATION AND SITING:

- ___ R649-2-3.

Unit: SUNDANCE (GRRV)

- ___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

- ___ R649-3-3. Exception
- ✓ Drilling Unit

Board Cause No: 228-08

Eff Date: 6-15-05

Siting: Suspends General Siting

- ✓ R649-3-11. Directional Drill

COMMENTS: Sop, Seperate file

STIPULATIONS: 1- Federal Approval

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 6 T. 9S R. 18E

FIELD: EIGHT MILE FLAT NORTH (590)

COUNTY: UINTAH

CAUSE: 228-8 / 5-19-2005

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

N
W E
S

PREPARED BY: DIANA WHITNEY
DATE: 15-JUNE-2006

NEWFIELD
ROCKY MOUNTAINS

June 19, 2006

Ms. Diana Whitney
State of Utah, Div. of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11 - Sundance Unit UTU-82472X Uintah Cty., UT
(1) Federal Serial #UTU-65970;
Fed 4-6-9-18; 2048' FNL, 704' FWL (at surface)
661' FNL, 640' FWL (bottomhole)
(2) Federal Serial #UTU-64806;
Fed 14-1-9-18; 432' FNL, 1917' FWL (at surface)
660' FSL, 1980' FWL (bottomhole)

Dear Ms. Whitney:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permit to Drill dated 06/02/06 (copies enclosed herewith) which concern the wells referenced above, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception Location and Siting of Wells.

These drillsite locations are located within the boundaries of the Sundance Unit UTU-82472X. NPC is permitting these wells as directional wells in order to minimize surface disturbance. Locating the wells at the surface location and directionally drilling from these locations, NPC will be able to utilize the existing the existing road and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the Sundance Unit Operator and all lands within 460 feet of the entire directional well bores are within the Sundance Unit.

Therefore, based on the above stated information NPC requests that the permits be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,
Newfield Production Company

Laurie Deseau
Properties Administrator

RECEIVED
JUN 22 2006
DIV. OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 15, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Sundance Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2006 within the Sundance Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-38194	Sundance Fed 4-6-9-18	Sec 6 T09S R18E 2048 FNL 0704 FWL BHL Sec 6 T09S R18E 0661 FNL 0640 FWL
43-047-38193	Sundance Fed 14-1-9-17	Sec 12 T09S R17E 0432 FNL 1917 FWL BHL Sec 1 T09S R17E 0660 FSL 1980 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File – Sundance Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-15-06

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

June 22, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Sundance Federal 4-6-9-18 Well, Surface Location 2048' FNL, 704' FWL, SW NW, Sec. 6, T. 9 South, R. 18 East, Bottom Location 661' FNL, 640' FWL, NW NW, Sec. 6, T. 9 South, R. 18 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38194.

Sincerely,

Don Staley for

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator: Newfield Production Company

Well Name & Number Sundance Federal 4-6-9-18

API Number: 43-047-38194

Lease: UTU-65970

Surface Location: SW NW **Sec.** 6 **T.** 9 South **R.** 18 East

Bottom Location: NW NW **Sec.** 6 **T.** 9 South **R.** 18 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: **UTU-65970**

6. If Indian, Allottee or Tribe Name: **NA**

7. If Unit or CA, Agreement Designation: **SUNDANCE**

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: **SUNDANCE FEDERAL 4-6-9-18**

9. API Well No.: **43-047-38194**

2. Name of Operator: **NEWFIELD PRODUCTION COMPANY**

10. Field and Pool, or Exploratory Area: **EIGHT MILE FLAT NORTI**

3. Address and Telephone No.: **Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

11. County or Parish, State: **UINTAH COUNTY, UT.**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2048' FNL 704' FWL SW/NW Section 6, T9S R18E (Surface)
661' FNL 660' FWL NW/NW Sec. 6, T9S R18E (Proposed Zone)

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Permit Extension**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/22/06 (expiration 6/22/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-30-07

By:

RECEIVED
MAY 30 2007
DIV. OF OIL, GAS & MINING

3-31-07
RM

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 5/29/2007

Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-38194
Well Name: Sundance Federal 4-6-9-18
Location: SW/NW Section 6,T9S R18E (Directional)
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 6/22/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐ No☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐ No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐ No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐ No☑

Has the approved source of water for drilling changed? Yes☐ No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐ No☑

Is bonding still in place, which covers this proposed well? Yes☑ No☐

Signature

5/29/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

Form 3160-3
(September 2001)

RECEIVED

JUN 0 5 2006

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU-65970

6. If Indian, Allottee or Tribe Name: N/A

1a. Type of Work: [X] DRILL [ ] REENTER

7. If Unit or CA Agreement, Name and No.: Sundance

1b. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other [X] Single Zone [ ] Multiple Zone

8. Lease Name and Well No.: Sundance Federal 4-6-9-18

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-047-38194

3a. Address: Route #3 Box 3630, Myton UT 84052

3b. Phone No. *(include area code)*: (435) 646-3721

10. Field and Pool, or Exploratory: Eight Mile Flat

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface SW/NW 2048' FNL 704' FWL Sec. 6, T9S R18E

At proposed prod. zone NW/NW 661' FNL 640' FWL Sec. 6, T9S R18E

11. Sec., T., R., M., or Blk. and Survey or Area: NW/NW Sec. 6, T9S R18E

14. Distance in miles and direction from nearest town or post office*: Approximatley 18.0 miles southeast of Myton, Utah

12. County or Parish: Uintah

13. State: UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 640' f/lse, 5920' f/unit

16. No. of Acres in lease: 1,036.24

17. Spacing Unit dedicated to this well: 40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1395'

19. Proposed Depth: 5959'

20. BLM/BIA Bond No. on file: UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 5000' GL

22. Approximate date work will start*: 3rd Quarter 2006

23. Estimated duration: Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature: Mandie Crozier — Name *(Printed Typed)*: Mandie Crozier — Date: 6/2/06

Title: Regulatory Specialist

Approved by *(Signature)*: — Name *(Printed Typed)*: Jerry Kenczka — Date: 6-19-2007

Title: Assistant Field Manager Lands & Mineral Resources — Office:

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached. CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**(Instructions on reverse)*

NOTICE OF APPROVAL

RECEIVED

JUN 2 6 2007

DIV. OF OIL, GAS & MINING

Posted 6/27/06
07BM4882A

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Sundance Federal 4-6-9-18
API No: 43-047-38194
Location: SWNW, Sec 6, T9S, R18E
Lease No: UTU-65970
Agreement: Sundance Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	
		Fax: (435) 781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SURFACE *COAs:*

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.

- Lands in this lease have been identified as containing Burrowing Owl habitat. Modifications to the Surface Use Plan of Operations will be required in order to protect the Burrowing Owl habitat from surface disturbing activities in accordance with Section 6 of the lease term, Endangered Species Act, and 43 CFR 3101.1-2.

- Timing Limitations (for construction and drilling) – **April 1 through August 15** – in order to protect Burrowing Owl habitat.

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.

- Right of way (ROW) will not be required:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.

- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed.

- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

  Crested Wheatgrass *(Agropyron cristatum)*.....12 lbs/acre

  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.

- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.

- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CCONDITIONS OF APPROVAL:

SITE SPECIFIC DOWNHOLE COAs:

- A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from

KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **NEWFIELD PRODUCTION COMPANY**

Well Name: **SUNDANCE FED 4-6-9-18**

Api No: **43-047-38194** Lease Type: **FEDERAL**

Section **06** Township **09S** Range **18E** County **UINTAH**

Drilling Contractor **ROSS DRILLING** RIG # **24**

SPUDDED:

Date **07/30/07**

Time **2:00 PM**

How **DRY**

Drilling will Commence:

Reported by **ALVIN NIELSEN**

Telephone # **(435) 823-7468**

Date **07/30/07** **Signed** **CHD**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16293	4301333062	FEDERAL 1-19-9-16	NENE	19	9S	16E	DUCHESNE	7/28/2007	8/9/07

WELL 1 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	16294	4301333108	FEDERAL 10-20-9-16	NWSE	20	9S	16E	DUCHESNE	7/25/2007	8/9/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
B	99999	12391 ✓	4301333597	ROBERTS 2-21-8-17	NWNE	21	8S	17E	DUCHESNE	7/23/2007	8/9/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
B	99999	14844 ✓	4304734932	SD FEDERAL 5-6-9-18	SWNW	6	9S	18E	UINTAH	7/28/2007	8/9/07

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	14844 ✓	4304738194	SD FEDERAL 4-6-9-18	SWNW	6	9S	18E	UINTAH	7/30/2007	8/9/07

WELL 5 COMMENTS: GRRV BHL = NWNW

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - rom one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - ther (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
AUG 2 2007
DIV. OF OIL, GAS & MINING

Jentri Park
Signature

Production Clerk
August 2, 2007
Date

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
SUNDANCE FEDERAL 4-6-9-18

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
SUNDANCE UNIT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEDERAL 4-6-9-18

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4304738194

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2048 FNL 704 FWL

NWNW Section 6 T9S R18E

11. County or Parish, State
UINTAH, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Spud Notice
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 12-20-04 MIRU Ross rig # 24.Spud well @ 2:00 PM. Drill 305' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 304.24 KB On 8/1/07 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Alvin Nielsen

Title
Drilling Foreman

Signature

Date
08/01/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
AUG 0 6 2007
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 304.24

LAST CASING 8 5/8" set @ 304.24
DATUM 12' KB
DATUM TO CUT OFF CASING
DATUM TO BRADENHEAD FLANGE
TD DRILLER 305' LOGGER
HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
WELL SD Federal 4-6-9-18
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # Ross Rig # 24

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 36.01'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	292.39
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	292.39	7
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	292.39	7
TOTAL CSG. DEL. (W/O THRDS)	292.39	7
TIMING	1ST STAGE	
BEGIN RUN CSG. Spud	7/30/2007	2:00 PM
CSG. IN HOLE	7/31/2007	10:00 AM
BEGIN CIRC	8/1/2007	10:44 AM
BEGIN PUMP CMT	8/1/2007	10:56 AM
BEGIN DSPL. CMT	8/1/2007	11:16 AM
PLUG DOWN	8/1/2007	11:30 AM

TOTAL LENGTH OF STRING	294.24
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	304.24

} COMPARE

GOOD CIRC THRU JOB YES
Bbls CMT CIRC TO SURFACE 4
RECIPROCATED PIPE FOR N/A
BUMPED PLUG TO Did not bump plug PSI

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

CENTRALIZER & SCRATCHER PLACEMENT — SHOW MAKE & SPACING

Centralizers - Middle first, top second & third for 3

COMPANY REPRESENTATIVE Alvin Nielse DATE 8/1/2007

3160-4
(July 1992)

SUBMIT IN DUPLICATE* (See other instructions ons reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: UTU-65970

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: Federal

8. FARM OR LEASE NAME, WELL NO.: Federal 4-6-9-18

9. WELL NO.: 43-047-38194

10. FIELD AND POOL OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 6, T9S, R18E

1a. TYPE OF WORK: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other

2. NAME OF OPERATOR: Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.: 1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 2048' FNL & 704' FWL (SW/NW) Sec. 6, T9S, R18E
At top prod. Interval reported below
At total depth: 544 fnl 661 fwl

14. API NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-38194	06/22/07	Duchesne	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD
07/30/07	08/18/07	09/26/07	5000' GL	5012' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6267' 6097	6213' 5994		------>	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4422'-5922'

25. WAS DIRECTIONAL SURVEY MADE: No Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, ~~Caliper, Cement Bond Log~~

27. WAS WELL CORED: No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	304'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6255'	7-7/8"	350 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5992'	TA @ 5893'

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP2) 5910'-5922'	.49"	4/48	5910'-5922'	Frac w/ 49,433# 20/40 sand in 482 bbls fluid
(LODC) 5504'-5525', 5588'-5601'	.49"	4/136	5504'-5601'	Frac w/ 179,588# 20/40 sand in 1241 bbls fluid
(A.5) 5386'-5398'	.49"	4/48	5386'-5398'	Frac w/ 74,779# 20/40 sand in 615 bbls fluid
(B1) 5260'-5278'	.49"	4/72	5260'-5278'	Frac w/ 91,049# 20/40 sand in 691 bbls fluid
(GB4) 4422'-4445'	.49"	4/92	4422'-4445'	Frac w/ 115,323# 20/40 sand in 865 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
09/26/07	2-1/2" x 1-3/4" x 16' x 20 RHAC SM Plunger Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	96	0	35	0

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used for Fuel

TEST WITNESSED BY

RECEIVED
OCT 12 2007
DIV. OF OIL, GAS & MINING

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jentri Park TITLE Production Clerk DATE 10/10/2007

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Well Name **Federal 4-6-9-18**

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3934'	
Garden Gulch 1	4117'	
Garden Gulch 2	4236'	
Point 3 Mkr	4510'	
X Mkr	4751'	
Y-Mkr	4790'	
Douglas Creek Mkr	4926'	
BiCarbonate Mkr	5162'	
B Limestone Mkr		
Castle Peak	5794'	
Basal Carbonate	6224'	
Total Depth (LOGGERS	6283'	

Scientific Drilling

Directional Survey Certification

7327 West Barton Road
Casper, WY 82604
(307)-472-6621 Fax (307) 472-5439

RE:	Newfield Exploration Co.	**Operator**
	Sundance Federal 4-6-9-18	**Well Name & No.**
	Uintah County, UT	**County & State**
	42DEF0707647	**SDI Job No.**

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 364 feet to a measured depth of 6267 feet is true and correct as determined from all available records.

Julie Cruse	Rockies Region Engineer	Scientific Drilling International
Signature	Title	Company

State of : Wyoming }
} ss
County of : Natrona }

On this 27th day of August, 2007, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal

Darci Neal
Notary Public

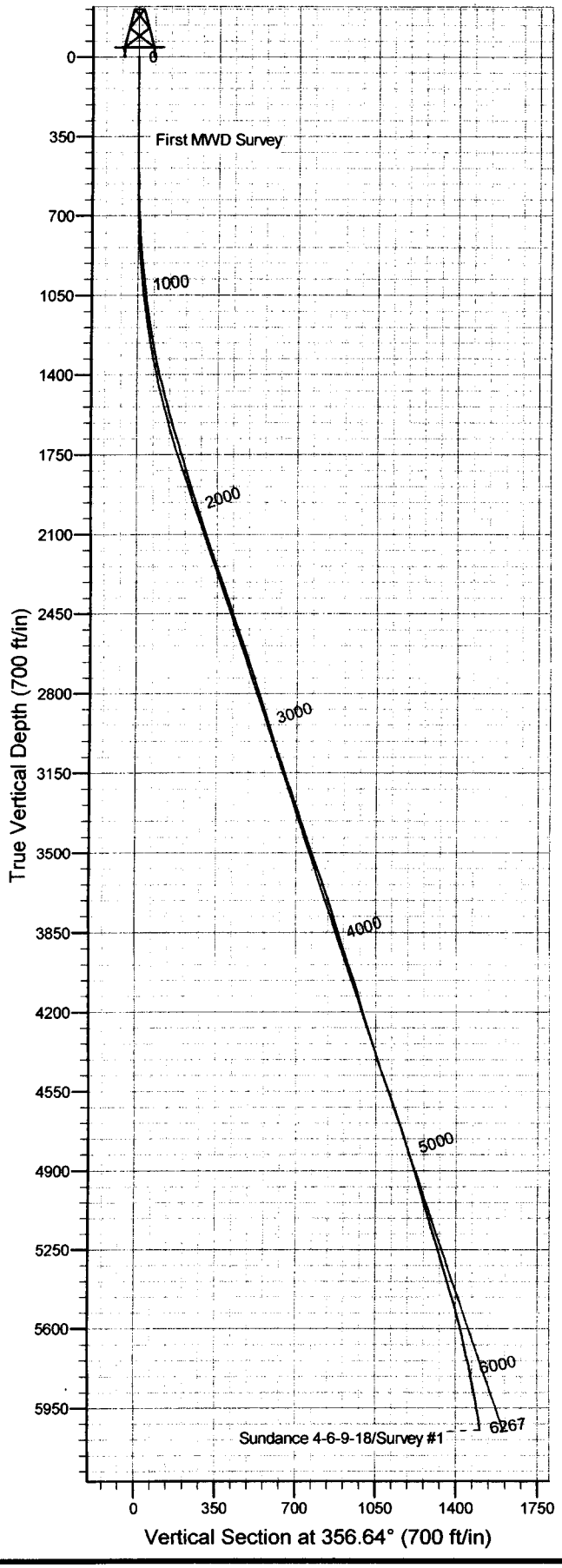
Aug 12, 2009
My Commission Expires

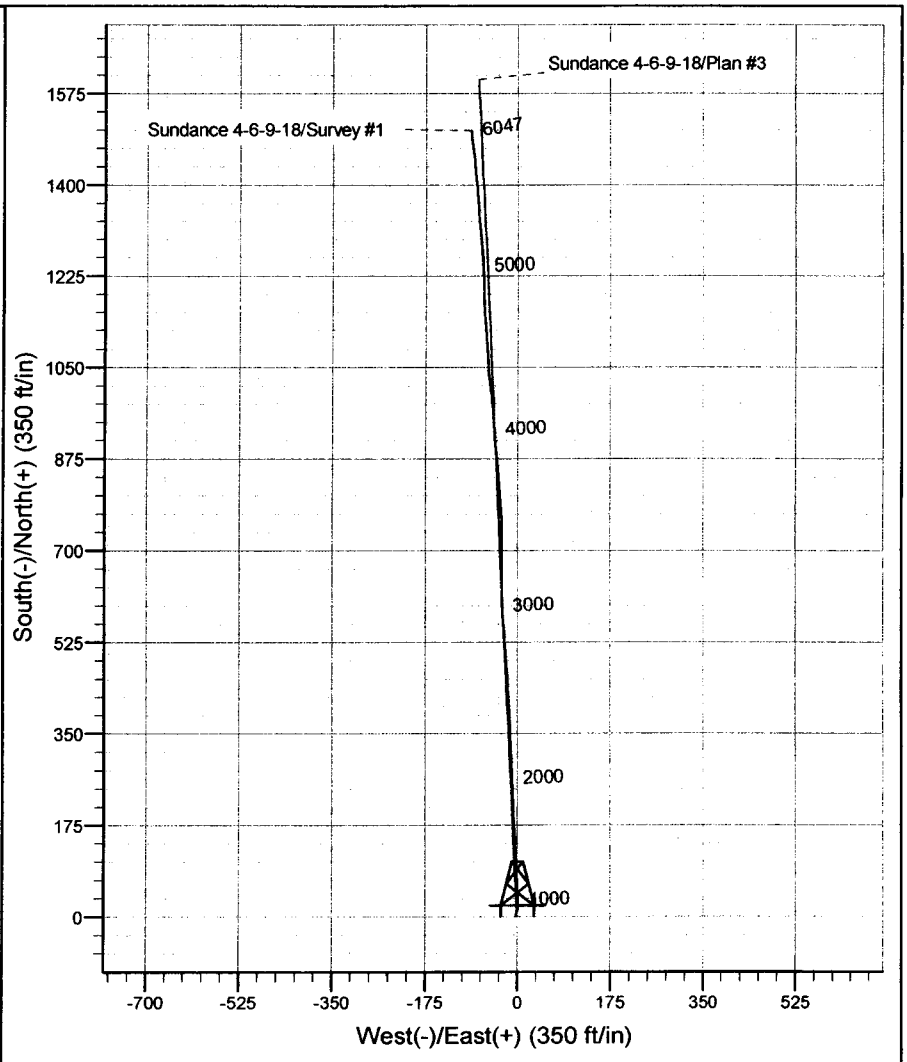
DARCI NEAL - NOTARY PUBLIC
County of Natrona
State of Wyoming
My Commission Expires August 12, 2009

Scientific Drilling

Project: Uintah County, UT
Site: Sundance Federal 4-6-9-18
Well: Sundance 4-6-9-18
Wellbore: OH
Design: OH

Newfield Exploration Co.





WELL DETAILS: Sundance 4-6-9-18

Ground Level: GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	633263.74	2435764.56	40° 3' 41.630 N	109° 56' 34.940 W

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Sundance 4-6-9-18, True North
Vertical (TVD) Reference: GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Calculation Method: Minimum Curvature
Local North: True
Location: Sec 6 T9S R18E

PROJECT DETAILS: Uintah County, UT

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302

Survey: Survey #1 (Sundance 4-6-9-18/OH)

Created By: Julie Cruse Date: 2007-08-25

Newfield Exploration Co.

Uintah County, UT
Sundance Federal 4-6-9-18
Sundance 4-6-9-18
OH

Survey: Survey #1

Standard Survey Report

26 August, 2007

Scientific Drilling

Survey Report

Company:	Newfield Exploration Co.	**Local Co-ordinate Reference:**	Well Sundance 4-6-9-18
Project:	Uintah County, UT	**TVD Reference:**	GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Site:	Sundance Federal 4-6-9-18	**MD Reference:**	GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Well:	Sundance 4-6-9-18	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 2003.14.1 Multi User

Project	Uintah County, UT		
Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	Sundance Federal 4-6-9-18, Sec 6 T9S R18E				
Site Position:		**Northing:**	633,263.74 ft	**Latitude:**	40° 3' 41.630 N
From:	Lat/Long	**Easting:**	2,435,764.56 ft	**Longitude:**	109° 56' 34.940 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	0.000 in	**Grid Convergence:**	1.00 °

Well	Sundance 4-6-9-18, SHL: 2048' FNL, 704' FWL					
Well Position	**+N/-S**	0.00 ft	**Northing:**	633,263.74 ft	**Latitude:**	40° 3' 41.630 N
	+E/-W	0.00 ft	**Easting:**	2,435,764.56 ft	**Longitude:**	109° 56' 34.940 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,000.00 ft

Wellbore OH

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	igrf2005	2006-06-02	11.89	65.93	52,851

Design OH

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.00	0.00	0.00	356.64

Survey Program **Date** 2007-08-26

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
364.00	6,267.00	Survey #1 (OH)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
364.00	0.34	307.46	364.00	0.66	-0.86	0.71	0.09	0.09	0.00
395.00	0.14	263.15	395.00	0.71	-0.97	0.76	0.84	-0.65	-142.94
426.00	0.34	284.36	426.00	0.73	-1.09	0.79	0.70	0.65	68.42
456.00	0.38	349.17	456.00	0.85	-1.20	0.92	1.29	0.13	216.03
487.00	0.68	339.12	487.00	1.12	-1.28	1.19	1.01	0.97	-32.42
518.00	0.86	354.11	517.99	1.52	-1.37	1.60	0.87	0.58	48.35
549.00	0.95	358.63	548.99	2.01	-1.40	2.09	0.37	0.29	14.58
579.00	1.39	4.93	578.98	2.62	-1.38	2.70	1.53	1.47	21.00
610.00	1.85	13.42	609.97	3.48	-1.23	3.55	1.67	1.48	27.39
641.00	2.28	20.95	640.95	4.55	-0.89	4.59	1.64	1.39	24.29
672.00	2.78	22.29	671.92	5.82	-0.39	5.83	1.62	1.61	4.32
702.00	3.04	20.00	701.88	7.24	0.16	7.22	0.95	0.87	-7.63

Scientific Drilling

Survey Report

Company:	Newfield Exploration Co.	**Local Co-ordinate Reference:**	Well Sundance 4-6-9-18
Project:	Uintah County, UT	**TVD Reference:**	GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Site:	Sundance Federal 4-6-9-18	**MD Reference:**	GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Well:	Sundance 4-6-9-18	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 2003.14.1 Multi User

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
733.00	3.09	16.88	732.84	8.81	0.68	8.75	0.56	0.16	-10.06
764.00	3.68	11.05	763.78	10.59	1.12	10.50	2.20	1.90	-18.81
795.00	4.10	5.80	794.71	12.66	1.42	12.56	1.78	1.35	-16.94
825.00	4.52	8.89	824.63	14.90	1.71	14.77	1.60	1.40	10.30
856.00	5.02	4.51	855.52	17.46	2.01	17.31	1.99	1.61	-14.13
887.00	5.09	3.07	886.40	20.18	2.19	20.02	0.47	0.23	-4.65
918.00	5.41	0.96	917.27	23.02	2.28	22.85	1.21	1.03	-6.81
950.00	5.96	358.62	949.11	26.19	2.27	26.01	1.86	1.72	-7.31
981.00	6.55	357.22	979.93	29.56	2.15	29.39	1.97	1.90	-4.52
1,011.00	6.43	357.47	1,009.73	32.95	1.99	32.78	0.41	-0.40	0.83
1,042.00	6.87	356.08	1,040.53	36.53	1.79	36.37	1.51	1.42	-4.48
1,074.00	7.34	356.25	1,072.28	40.48	1.52	40.32	1.47	1.47	0.53
1,105.00	7.85	356.47	1,103.01	44.57	1.26	44.42	1.65	1.65	0.71
1,137.00	8.69	357.99	1,134.67	49.17	1.04	49.02	2.71	2.62	4.75
1,169.00	9.13	356.94	1,166.29	54.12	0.82	53.98	1.47	1.37	-3.28
1,199.00	9.42	357.69	1,195.90	58.95	0.59	58.81	1.05	0.97	2.50
1,230.00	9.69	357.27	1,226.47	64.09	0.37	63.96	0.90	0.87	-1.35
1,262.00	10.32	356.89	1,257.98	69.64	0.08	69.52	1.98	1.97	-1.19
1,293.00	11.10	357.05	1,288.44	75.40	-0.22	75.28	2.52	2.52	0.52
1,325.00	11.50	358.40	1,319.82	81.66	-0.47	81.55	1.50	1.25	4.22
1,356.00	12.03	357.79	1,350.17	87.98	-0.68	87.87	1.76	1.71	-1.97
1,388.00	12.69	358.55	1,381.43	94.82	-0.90	94.71	2.12	2.06	2.37
1,420.00	13.12	358.21	1,412.62	101.97	-1.10	101.86	1.36	1.34	-1.06
1,451.00	13.80	357.26	1,442.77	109.18	-1.38	109.07	2.31	2.19	-3.06
1,482.00	14.29	357.06	1,472.84	116.69	-1.76	116.59	1.59	1.58	-0.65
1,514.00	14.67	357.11	1,503.82	124.68	-2.16	124.60	1.19	1.19	0.16
1,545.00	14.87	356.64	1,533.80	132.57	-2.60	132.50	0.75	0.65	-1.52
1,577.00	15.36	357.46	1,564.69	140.91	-3.02	140.84	1.67	1.53	2.56
1,608.00	15.63	357.33	1,594.56	149.18	-3.40	149.12	0.88	0.87	-0.42
1,638.00	16.08	357.25	1,623.42	157.37	-3.79	157.32	1.50	1.50	-0.27
1,669.00	16.35	356.76	1,653.19	166.01	-4.24	165.98	0.98	0.87	-1.58
1,701.00	16.66	356.75	1,683.87	175.09	-4.76	175.07	0.97	0.97	-0.03
1,731.00	16.92	356.44	1,712.59	183.74	-5.27	183.73	0.92	0.87	-1.03
1,763.00	16.94	357.34	1,743.20	193.04	-5.78	193.05	0.82	0.06	2.81
1,795.00	16.75	357.26	1,773.83	202.31	-6.21	202.32	0.60	-0.59	-0.25
1,826.00	16.67	357.54	1,803.52	211.21	-6.62	211.24	0.37	-0.26	0.90
1,858.00	16.54	357.75	1,834.19	220.35	-6.99	220.38	0.45	-0.41	0.66
1,889.00	16.66	357.57	1,863.90	229.20	-7.35	229.23	0.42	0.39	-0.58
1,920.00	17.03	357.62	1,893.57	238.17	-7.73	238.22	1.19	1.19	0.16
1,952.00	17.11	357.96	1,924.16	247.56	-8.09	247.61	0.40	0.25	1.06
1,983.00	17.25	358.13	1,953.77	256.71	-8.41	256.76	0.48	0.45	0.55
2,015.00	17.38	358.20	1,984.32	266.23	-8.71	266.28	0.41	0.41	0.22
2,045.00	17.55	357.83	2,012.94	275.23	-9.02	275.28	0.68	0.57	-1.23
2,076.00	17.71	357.24	2,042.48	284.61	-9.43	284.67	0.77	0.52	-1.90
2,106.00	17.63	357.02	2,071.07	293.70	-9.88	293.78	0.35	-0.27	-0.73
2,138.00	18.02	356.99	2,101.53	303.48	-10.39	303.57	1.22	1.22	-0.09
2,169.00	18.27	357.18	2,130.99	313.12	-10.89	313.22	0.83	0.81	0.61
2,259.00	18.75	357.52	2,216.33	341.67	-12.21	341.79	0.55	0.53	0.38
2,353.00	18.71	357.54	2,305.36	371.82	-13.51	371.98	0.04	-0.04	0.02
2,444.00	18.68	357.25	2,391.56	400.96	-14.83	401.14	0.11	-0.03	-0.32
2,537.00	18.78	356.59	2,479.63	430.78	-16.44	431.00	0.25	0.11	-0.71
2,628.00	18.52	356.45	2,565.85	459.83	-18.20	460.10	0.29	-0.29	-0.15
2,721.00	18.64	356.23	2,654.00	489.40	-20.09	489.74	0.15	0.13	-0.24
2,814.00	17.99	355.59	2,742.29	518.55	-22.18	518.96	0.73	-0.70	-0.69

Scientific Drilling

Survey Report

Company:	Newfield Exploration Co.	**Local Co-ordinate Reference:**	Well Sundance 4-6-9-18
Project:	Uintah County, UT	**TVD Reference:**	GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Site:	Sundance Federal 4-6-9-18	**MD Reference:**	GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Well:	Sundance 4-6-9-18	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 2003.14.1 Multi User

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,907.00	17.29	354.78	2,830.92	546.63	-24.54	547.13	0.80	-0.75	-0.87
2,999.00	17.40	355.44	2,918.74	573.96	-26.88	574.55	0.25	0.12	0.72
3,092.00	17.59	357.87	3,007.44	601.86	-28.50	602.50	0.81	0.20	2.61
3,184.00	19.14	0.81	3,094.75	630.84	-28.81	631.44	1.96	1.68	3.20
3,276.00	19.63	0.64	3,181.53	661.37	-28.42	661.90	0.54	0.53	-0.18
3,369.00	17.97	358.73	3,269.57	691.34	-28.56	691.82	1.90	-1.78	-2.05
3,462.00	19.57	0.63	3,357.62	721.26	-28.71	721.70	1.84	1.72	2.04
3,556.00	19.09	358.12	3,446.32	752.36	-29.04	752.77	1.02	-0.51	-2.67
3,649.00	18.75	356.19	3,534.30	782.48	-30.53	782.92	0.77	-0.37	-2.08
3,743.00	19.59	355.52	3,623.09	813.26	-32.77	813.78	0.92	0.89	-0.71
3,838.00	17.96	353.46	3,713.03	843.69	-35.68	844.33	1.85	-1.72	-2.17
3,929.00	17.51	354.80	3,799.71	871.27	-38.52	872.03	0.67	-0.49	1.47
4,022.00	17.45	354.70	3,888.41	899.08	-41.08	899.95	0.07	-0.06	-0.11
4,114.00	17.77	355.81	3,976.10	926.82	-43.38	927.77	0.50	0.35	1.21
4,208.00	17.77	356.21	4,065.61	955.44	-45.37	956.46	0.13	0.00	0.43
4,301.00	16.36	355.38	4,154.52	982.66	-47.37	983.74	1.54	-1.52	-0.89
4,400.00	15.97	351.88	4,249.61	1,010.04	-50.41	1,011.26	1.06	-0.39	-3.54
4,494.00	17.62	354.04	4,339.59	1,036.99	-53.72	1,038.36	1.88	1.76	2.30
4,587.00	17.72	356.93	4,428.21	1,065.12	-55.94	1,066.57	0.95	0.11	3.11
4,682.00	19.84	355.97	4,518.15	1,095.64	-57.84	1,097.15	2.26	2.23	-1.01
4,776.00	18.52	355.18	4,606.93	1,126.43	-60.22	1,128.03	1.43	-1.40	-0.84
4,869.00	18.02	357.00	4,695.24	1,155.52	-62.21	1,157.18	0.82	-0.54	1.96
4,963.00	17.40	359.06	4,784.78	1,184.09	-63.20	1,185.76	0.94	-0.66	2.19
5,057.00	16.77	358.64	4,874.64	1,211.70	-63.76	1,213.36	0.68	-0.67	-0.45
5,150.00	16.22	357.20	4,963.81	1,238.09	-64.71	1,239.75	0.74	-0.59	-1.55
5,243.00	16.08	356.30	5,053.14	1,263.91	-66.18	1,265.62	0.31	-0.15	-0.97
5,337.00	16.48	354.84	5,143.37	1,290.18	-68.21	1,291.96	0.61	0.43	-1.55
5,431.00	16.37	356.02	5,233.53	1,316.68	-70.33	1,318.54	0.37	-0.12	1.26
5,524.00	15.80	354.40	5,322.89	1,342.35	-72.48	1,344.29	0.78	-0.61	-1.74
5,555.00	16.32	355.64	5,352.68	1,350.89	-73.22	1,352.86	2.01	1.68	4.00
5,650.00	16.75	356.03	5,443.75	1,377.86	-75.18	1,379.90	0.47	0.45	0.41
5,744.00	14.52	354.88	5,534.27	1,403.11	-77.17	1,405.22	2.40	-2.37	-1.22
5,837.00	12.92	354.14	5,624.61	1,425.07	-79.28	1,427.27	1.73	-1.72	-0.80
5,931.00	12.27	354.07	5,716.35	1,445.46	-81.38	1,447.74	0.69	-0.69	-0.07
6,024.00	11.02	353.32	5,807.44	1,464.12	-83.44	1,466.49	1.35	-1.34	-0.81
6,119.00	9.56	354.28	5,900.91	1,480.98	-85.28	1,483.44	1.55	-1.54	1.01
6,222.00	8.51	351.69	6,002.63	1,497.04	-87.23	1,499.58	1.09	-1.02	-2.51
6,267.00	8.51	351.69	6,047.13	1,503.63	-88.19	1,506.21	0.00	0.00	0.00

Scientific Drilling

Survey Report

Company:	Newfield Exploration Co.	**Local Co-ordinate Reference:**	Well Sundance 4-6-9-18
Project:	Uintah County, UT	**TVD Reference:**	GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Site:	Sundance Federal 4-6-9-18	**MD Reference:**	GL 5000' & RKB 12' @ 5012.00ft (NDSI 2)
Well:	Sundance 4-6-9-18	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 2003.14.1 Multi User

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Sundance 4-6-9-18	0.00	0.00	5,400.00	1,387.00	-64.00	634,649.42	2,435,676.43	40° 3' 55.338 N	109° 56' 35.763 W
- survey misses by 23.68ft at 5610.42ft MD (5405.84 TVD, 1366.54 N, -74.38 E)									
- Circle (radius 75.00)									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
364.00	364.00	0.66	-0.86	First MWD Survey
6,267.00	6,047.13	1,503.63	-88.19	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

FORM 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU-65970

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
SUNDANCE UNIT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Sundance FEDERAL 4-6-9-18

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4304738194

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2048 FNL 704 FWL

NWNW Section 6 T9S R18E

11. County or Parish, State
UINTAH, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to	☐ Plug Back	☒ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

I hereby certify that the foregoing is true and correct *(Printed/ Typed)*
Mandie Crozier

Title
Regulatory Specialist

Signature
Mandie Crozier

Date
09/27/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED
OCT 01 2007
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-65970
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
SUNDANCE UNIT
8. WELL NAME and NUMBER:
FEDERAL 4-6-9-18
9. API NUMBER:
4304738194
10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2048 FNL 704 FWL COUNTY: UINTAH
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 6, T9S, R18E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
10/05/2007	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 09/27/07/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE [signature] DATE 10/05/2007

(This space for State use only)

RECEIVED
OCT 12 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 4-6-9-18

7/1/2007 To 11/30/2007

9/8/2007 Day: 1 **Completion**

Rigless on 9/7/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6188' & cement top @ 114'. Perforate stage #1, CP2 sds @ 5910-22' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 48 shots. 148 BWTR. SWIFN.

9/14/2007 Day: 2 **Completion**

Rigless on 9/13/2007 - Stage #1 CP2 sds. RU BJ Services. 11 psi on well. Frac CP2 sds w/ 49,433#'s of 20/40 sand in 481 bbls of Lightning 17 fluid. Broke @ 2461 psi. Treated w/ ave pressure of 2023 psi w/ ave rate of 24.8 BPM. ISIP 2125 psi. Leave pressure on well. 629 BWTR. Stage #2 LODC sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 13', 21' perf guns. Set plug @ 5700'. Perforate LODC sds @ 5504-25' & 5588-5601' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 136 shots. RU BJ Services. 1342 psi on well. Frac LODC sds w/ 179,588#'s of 20/40 sand in 1241 bbls of Lightning 17 fluid. Broke @ 3071 psi. Treated w/ ave pressure of 1575 psi w/ ave rate of 24.8 BPM. ISIP 1731 psi. Leave pressure on well. 1870 BWTR. SWIFN.

9/15/2007 Day: 3 **Completion**

Rigless on 9/14/2007 - RU WLT. RIH w/ frac plug & 12' perf gun. Set plug @ 5450'. Perforate A.5 sds @ 5386-98' w/ 4 spf for total of 48 shots. RU BJ & frac stage #3 w/ 74,779#'s of 20/40 sand in 615 bbls of Lightning 17 fluid. Open well w/ 600 psi on casing. Perfs broke down @ 2714 psi. Treated w/ ave pressure of 2594 psi w/ ave rate of 27 BPM w/ 8 ppg of sand. Spot 30 gals of Techna Hib before pad. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP 3719 psi. Leave pressure on well. 2485 bbls EWTR. RU WLT. RIH w/ frac plug & 18' perf gun. Set plug @ 5330'. Perforate B1 sds @ 5260-78' w/ 4 spf for total of 72 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #4 w/ 91,049#'s of 20/40 sand in 691 bbls of Lightning 17 fluid. Open well w/ 685 psi on casing. Perfs broke down @ 3608 psi. Treated w/ ave pressure of 1330 psi w/ ave rate of 24.7 BPM w/ 8 ppg of sand. Spot 30 gals of Techna Hib before pad. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP 1871 psi. Leave pressure on well. 3176 bbls EWTR. RU WLT. RIH w/ frac plug & 23' perf gun. Set plug @ 4550'. Perforate GB4 sds @ 4422-45' w/ 4 spf for total of 92 shots. RU BJ & frac stage #5 w/ 115,323#'s of 20/40 sand in 865 bbls of Lightning 17 fluid. Open well w/ 540 psi on casing. Perfs broke down @ 1544 psi. Treated w/ ave pressure of 1815 psi w/ ave rate of 24.8 BPM w/ 8 ppg of sand. Spot 30 gals of Techna Hib before pad. ISIP 2105 psi. 4040 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 340 bbls rec'd. SIFN.

9/20/2007 Day: 4 **Completion**

NC #1 on 9/19/2007 - 2:00PM MIRU NC#1, N/D Camron BOP & Frac HD. N/U 3,000 Flnge & 5,000 BOP, R/U Flr, 5:30PM C/SDFN.

9/21/2007 Day: 5 **Completion**

NC #1 on 9/20/2007 - 6:30AM OWU, P/U & RIH W/-4 3/4 Bit, Bit Sub, 132 Jts Tbg To Fill @ 4144', R/U R/pmp, R/U Nabors Pwr Swvl, C/Out To Plg @ 4550', Drill Up Plg, 22 Min Drill Time, Swvl I/Hle To Fill @ 5226', C/Out To 5260', Got Stuck & Lost Full Curculation, R/U Hard Line To Tbg, Pressure Up To 3500 Psi, Would Not Break Free & Curculate, R/U R/pmp To Csg, Try To Curc Well, Would Not Curculate, Try To Work Tbg Free, Tbg Would Not Come Free, R/U Wire Line To Free Point Tbg, POOH W/-Wire Line, Wire Line P/U & RIH W/-Cutter, Cut Tbg Off @ 5244', Leaving 14' Of Fish Neck . R/D Wire Line, R/U Pwr Swvl, R/U R/pmp, Work Tbg Free Aftr Tbg Cut, Curc Well Clean 30 Min, POOH W/-4 Jts Tbg, SWI,

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9/22/2007 Day: 6 **Completion**

NC #1 on 9/21/2007 - 6:30AM OWU, POOH W/-160 Jts Tbg, 18' Of Cut Off Jt. P/U & RIH W/-4 1/2 Wash Shoe,15' Wash Jt, X-Ovr, 2 7/8x6' Tbg Sub,167 Jts Tbg To Fish Top @ 5244', R/U R/pmp, R/U Nabors Pwr Swvl, Work Wash Shoe Ovr Fish Top, C/Out To Depth Of 5267', Tag Solid, Curc Well Clean 1 Hr. POOH W/-167 Jts Tbg & Wash Tools. P/U & RIH W/- 4 1/2 Ovr Shot, Top Sub,Bumper Sub, Jar, X-Ovr, 2 7/8x6' Sub, 166 Jts Tbg To Fish Top, Work Ovr Shot On Fish, Had No Indication Of Laching On Fish. POOH W/-Tbg & Fish Tools, No Fish. SWI, 5:30PM C/SDFN.

9/25/2007 Day: 7 **Completion**

NC #1 on 9/24/2007 - 6:30AM OWU, RIH W/-4 11/16" Ovr Shot, X-Ovr, Bumper Sub, Jar, X-Ovr, 2 7/8x6' Tbg Sub, 166 Jts Tbg To Fish Top, R/U R/pmp,R/U Nabors Pwr Swvl, Work Ovr Shot Over Fish Top, Fish Started Sliding In Hole, Curculate & C/Out To 5320' End Of Ovr Shot, Curc Well Clean, POOH W/-168 Jts Tbg, Fish Tools & Fish. P/U & RIH W/-4 3/4 Bit, Bit Sub, 170 Jts Tbg To Plg @ 5330', R/U Swvl, R/U R/pmp, Drill Up Plg, 38 Min Drill Time, C/Out To 5354', POOH W/-1 Jt Tbg, EOB @ 5321', SWI, 6:30PM C/SDFN. Total Wtr Loss For Day = 186 Bbls.

9/26/2007 Day: 8 **Completion**

NC #1 on 9/25/2007 - 6:30AM OWU, R/U Swvl, RIH W/-Tbg To Fill @ 5360', C/Out To Plg @ 5450', Drill Up Plg, 34 Min Drill Time, Swvl I/Hle To Fill @ 5496', C/Out To Plg @ 5700', Drill Up Plg, 40 Min Drill Time, Swvl I/Hle To Fill @ 6078', C/Out To PBTD @ 6213', Curc Well Clean 1 Hr, POOH W/-5 Jts Tbg EOB @ 6076'. R/U Swab, RIH IFL @ Surf, Made 11 Swab Runs, Recvred 128 Wtr Lite Trce Oil, Lite Steady Sand, FFL @ 1000', swi, 6:30PM C/SDFN, 6:30PM To 7:00PM C/Trvl. Lost 192 Bbls Wtr On C/Out To PBTD, Total Wtr Loss For Day = 64 Bbls.

9/27/2007 Day: 9 **Completion**

NC #1 on 9/26/2007 - 6:30AM OWU, R/U Swab, RIH IFL @ 600', Made 3 Swab Runs, Recvred 35 Bbls Wtr, Lite Trce Sand, 3% Oil Cut, FFL @ 1,000'. R/D Swab, RIH W/-Tbg To Fill @ 6188', C/Out To PBTD @ 6213', Curc Well Clean, POOH W/-198 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-Tbg Production Detail Shown Below. N/D BOP, Set T/A In 15,000 Tension, N/U W/HD. Flsh Tbg W/-60 Bbls Wtr. P/U Stroke & RIH W/-CDI-2 1/2x1 3/4x16x20' RHAC & Rod String Shown Below, Seat pmp, R/U Unit, Hole Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig. POP @ 6:30 PM, 123" SL, 5 SPM, (Final Report).

Pertinent Files: Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-65970

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: SUNDANCE FED 4-6-9-18

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047381940000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2048 FNL 0704 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 09.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 10/26/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Major Workover

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had a major workover done and then was placed back on production. The following Perforations were added to the existing well: 5572' - 5578' 3 JSPF 5554' - 5558' 3 JSPF 5484' - 5488' 3 JSPF 5472' - 5478' 3 JSPF

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 22, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 5/7/2013

Daily Activity Report

Format For Sundry

FEDERAL 4-6-9-18

8/1/2012 To 12/30/2012

10/16/2012 Day: 1 **Recompletion**

Stone #7 on 10/16/2012 - MIRUSU. TOH w/ rods. Tag fill @ 6043' (170' of fill). RU PRS tbg scan equipment. TOH w/ 107- jts tbg. - PU 2-jts tbg & tag fill @ 6043' (PBTD @ 6213', 170' of fill). Stand back 2-jts tbg. RU PRS tbg scan equipment. TOH, scanning tbg, 107- jts. SWIFN EOT @ 2616'. - Road rig to location. Spot rig & RU. - TOH w/ rods as follows: 1" X 26' polished rod, 1-4' X 7/8" pony rod, 10- 7/8" (4-per) guided rods, 223- 7/8" (8-per) guided rods, 4- 1 1/2" weight rods & rod pump. - Unseat rod pump w/ 6K over pull. Flush rods & tbg w/ 40 BW @ 250°. Fill tbg w/ 17 bbls water. Pressure test tbg to 3000 psi (good test). - Hot oiler pumped 75 BW down csg @ 250°. RD pumping unit. - Road rig to location. Spot rig & RU. - PU 2-jts tbg & tag fill @ 6043' (PBTD @ 6213', 170' of fill). Stand back 2-jts tbg. RU PRS tbg scan equipment. TOH, scanning tbg, 107- jts. SWIFN EOT @ 2616'. - X-over to tbg equipment. ND wellhead. NU BOPs & rig floor. TA was not set. - TOH w/ rods as follows: 1" X 26' polished rod, 1-4' X 7/8" pony rod, 10- 7/8" (4-per) guided rods, 223- 7/8" (8-per) guided rods, 4- 1 1/2" weight rods & rod pump. - Unseat rod pump w/ 6K over pull. Flush rods & tbg w/ 40 BW @ 250°. Fill tbg w/ 17 bbls water. Pressure test tbg to 3000 psi (good test). - Hot oiler pumped 75 BW down csg @ 250°. RD pumping unit. - Road rig to location. Spot rig & RU. - PU 2-jts tbg & tag fill @ 6043' (PBTD @ 6213', 170' of fill). Stand back 2-jts tbg. RU PRS tbg scan equipment. TOH, scanning tbg, 107- jts. SWIFN EOT @ 2616'. - X-over to tbg equipment. ND wellhead. NU BOPs & rig floor. TA was not set. - TOH w/ rods as follows: 1" X 26' polished rod, 1-4' X 7/8" pony rod, 10- 7/8" (4-per) guided rods, 223- 7/8" (8-per) guided rods, 4- 1 1/2" weight rods & rod pump. - Unseat rod pump w/ 6K over pull. Flush rods & tbg w/ 40 BW @ 250°. Fill tbg w/ 17 bbls water. Pressure test tbg to 3000 psi (good test). - Hot oiler pumped 75 BW down csg @ 250°. RD pumping unit. - Road rig to location. Spot rig & RU. - PU 2-jts tbg & tag fill @ 6043' (PBTD @ 6213', 170' of fill). Stand back 2-jts tbg. RU PRS tbg scan equipment. TOH, scanning tbg, 107- jts. SWIFN EOT @ 2616'. - X-over to tbg equipment. ND wellhead. NU BOPs & rig floor. TA was not set. - TOH w/ rods as follows: 1" X 26' polished rod, 1-4' X 7/8" pony rod, 10- 7/8" (4-per) guided rods, 223- 7/8" (8-per) guided rods, 4- 1 1/2" weight rods & rod pump. - Unseat rod pump w/ 6K over pull. Flush rods & tbg w/ 40 BW @ 250°. Fill tbg w/ 17 bbls water. Pressure test tbg to 3000 psi (good test). - Hot oiler pumped 75 BW down csg @ 250°. RD pumping unit. - X-over to tbg equipment. ND wellhead. NU BOPs & rig floor. TA was not set. **Finalized**
Daily Cost: $0
Cumulative Cost: $6,700

10/17/2012 Day: 2 **Recompletion**

Stone #7 on 10/17/2012 - Scan tbg while TOH. TIH w/ bit & break circulation. Clean out to 6083'. TOH w/ 10- jts tbg. - RD power swivel. TOH w/ 10- jts tbg, EOT @ 5767'. SWIFN. - Continue TOH w/ 80-jts 2 7/8" J-55 6.5# 8rd EUE tbg, TAC, 1-jt tbg, SN, 2-jts tbg & notched collar (scanning tbg w/ PRS). - PU 4 3/4" rock bit, bit sub, 1-jt tbg, SN & 189- jts tbg. - Continue TOH w/ 80-jts 2 7/8" J-55 6.5# 8rd EUE tbg, TAC, 1-jt tbg, SN, 2-jts tbg & notched collar (scanning tbg w/ PRS). - RD power swivel. TOH w/ 10- jts tbg, EOT @ 5767'. SWIFN. - PU power swivel. RU pump & pump lines. PU 2- jts tbg & tag @ 6043'. Pump 430 bbls water to break circulation. Pumping 5.5 BPM, retruning 3.5 BPM. Clean out to 6083'. Circulate well clean. - PU 4 3/4" rock bit, bit sub, 1-jt tbg, SN & 189- jts tbg. - Continue TOH w/ 80-jts 2 7/8" J-55 6.5# 8rd EUE tbg, TAC, 1-jt tbg, SN, 2-jts tbg & notched collar (scanning tbg w/ PRS). - RD power swivel. TOH w/ 10- jts tbg, EOT @ 5767'. SWIFN. - PU power swivel. RU pump & pump lines. PU 2- jts tbg & tag @ 6043'. Pump 430 bbls water to break circulation.

Pumping 5.5 BPM, retruning 3.5 BPM. Clean out to 6083'. Circulate well clean. - PU 4 3/4" rock bit, bit sub, 1-jt tbg, SN & 189- jts tbg. - Continue TOH w/ 80-jts 2 7/8" J-55 6.5# 8rd EUE tbg, TAC, 1-jt tbg, SN, 2-jts tbg & notched collar (scanning tbg w/ PRS). - RD power swivel. TOH w/ 10- jts tbg, EOT @ 5767'. SWIFN. - PU power swivel. RU pump & pump lines. PU 2- jts tbg & tag @ 6043'. Pump 430 bbls water to break circulation. Pumping 5.5 BPM, retruning 3.5 BPM. Clean out to 6083'. Circulate well clean. - PU 4 3/4" rock bit, bit sub, 1-jt tbg, SN & 189- jts tbg. - PU power swivel. RU pump & pump lines. PU 2- jts tbg & tag @ 6043'. Pump 430 bbls water to break circulation. Pumping 5.5 BPM, retruning 3.5 BPM. Clean out to 6083'. Circulate well clean. **Finalized**
Daily Cost: $0
Cumulative Cost: $15,848

10/18/2012 Day: 3 **Recompletion**

Stone #7 on 10/18/2012 - Clean out to PBTD. TOH w/ tbg & LD BHA. Change out well control stack & pressure test. - Pressure test each component of the BOP stack w/ low test of 200-300 psi for 5 min & 4500 psi for 10 min. MU RBP & TIH w/ 4-jts tbg. Set RBP @ 129'. Pressure test threaded wellhead to 4300 psi for 10 min. SWIFN. - Well was on vaccum. RU pump & pump lines. TIH w/ 10- jts tbg & tag fill @ 6083'. RU power swivel. - LD 7- jts tbg. TOH w/ 189- jts tbg, SN, 1- jt tbg, bit sub & 4-3/4" rock bit. - Pump 75 bbls @ 6 BPM to fill wellbore. Circulate well @ 3.5 BPM w/ 2.5 BPM returns. Clean out to 6213'. Circulate well clean. RD power swivel. - Well was on vaccum. RU pump & pump lines. TIH w/ 10- jts tbg & tag fill @ 6083'. RU power swivel. - Pressure test each component of the BOP stack w/ low test of 200-300 psi for 5 min & 4500 psi for 10 min. MU RBP & TIH w/ 4-jts tbg. Set RBP @ 129'. Pressure test threaded wellhead to 4300 psi for 10 min. SWIFN. - RD rig floor. ND BOPs. ND 3K production wellhead. NU 5K production wellhead. NU Weatherford well control stack as follows: Cameron 5K single blind ram w/ double 2-1/16" choke line valves, 5K frac valve, Double Shaffer dressed with 2-7/8" pipe rams in each & Washington head. RU rig floor. - LD 7- jts tbg. TOH w/ 189- jts tbg, SN, 1- jt tbg, bit sub & 4-3/4" rock bit. - Pump 75 bbls @ 6 BPM to fill wellbore. Circulate well @ 3.5 BPM w/ 2.5 BPM returns. Clean out to 6213'. Circulate well clean. RD power swivel. - Well was on vaccum. RU pump & pump lines. TIH w/ 10- jts tbg & tag fill @ 6083'. RU power swivel. - Pressure test each component of the BOP stack w/ low test of 200-300 psi for 5 min & 4500 psi for 10 min. MU RBP & TIH w/ 4-jts tbg. Set RBP @ 129'. Pressure test threaded wellhead to 4300 psi for 10 min. SWIFN. - RD rig floor. ND BOPs. ND 3K production wellhead. NU 5K production wellhead. NU Weatherford well control stack as follows: Cameron 5K single blind ram w/ double 2-1/16" choke line valves, 5K frac valve, Double Shaffer dressed with 2-7/8" pipe rams in each & Washington head. RU rig floor. - LD 7- jts tbg. TOH w/ 189- jts tbg, SN, 1- jt tbg, bit sub & 4-3/4" rock bit. - Pump 75 bbls @ 6 BPM to fill wellbore. Circulate well @ 3.5 BPM w/ 2.5 BPM returns. Clean out to 6213'. Circulate well clean. RD power swivel. - RD rig floor. ND BOPs. ND 3K production wellhead. NU 5K production wellhead. NU Weatherford well control stack as follows: Cameron 5K single blind ram w/ double 2-1/16" choke line valves, 5K frac valve, Double Shaffer dressed with 2-7/8" pipe rams in each & Washington head. RU rig floor. **Finalized**
Daily Cost: $0
Cumulative Cost: $34,433

10/19/2012 Day: 5 **Recompletion**

Stone #7 on 10/19/2012 - Frac LODC sands. Ran temperature survey befor frac & then again one, two & three hours post frac. - 1200 psi on well. RIH w/ logging tools on EWL and record temperature from 5300' down to 5620' (tagged sand). POH w/ WL. Wait 1 hour between runs. - 1200 psi on well. RIH w/ logging tools on EWL and record temperature from 5300' down to 5620' (tagged sand). POH w/ WL. Wait 1 hour between runs. - Shut well in. Empty Biovert from tub that could not be pumped earlier. Drain pump lines. RU Perforators WLT. - Shut well in. Empty Biovert from tub that could not be pumped earlier. Drain pump lines. RU Perforators WLT. - Continue frac on LODC sands. Pump 650#s Biovert NWB diverter in 85 bbls 7% KCL, 675 gal 15% HCL, 78 bbls 7% KCL pad, 6000#s 20/40 white sand in 102 bbls 17# Delta Frac 200 @ 1.5ppg, 45,100#s of 20/40 white sand in 406 bbls 17# Delta Frac 200 @ 3ppg, 49,100#s of 20/40 white sand in 316 bbls17# Delta Frac 200 @ 5ppg, 34.3 bbls 7% KCL flush, 650#s Biovert NWB diverter in 61 bbls 7% KCL, 661 gal 15% HCL, 110 bbls 7% KCL pad, 6100#s 20/40 white sand in 102 bbls 17# Delta Frac 200 @ 1.5ppg, 44,400#s of 20/40 white sand in 400 bbls 17# Delta Frac 200 @ 3ppg, 49,800#s of 20/40 white sand in 246 bbls17# Delta Frac 200 @ 5ppg, 572 gal of Caustic & 36.1 bbls 7% KCL flush. Pumped total of 300,800#s 20/40 white sand. Treated w/ ave pressure of 3830 psi & ave rate of 20 BPM, max pressure of 5773 psi & max rate of 20.4 BPM. When 1st Biovert stg was on perfs a 1000 psi increase was observed and 2nd Biovert stg a 175 psi pressure increase was observed. ISDP: 3235 psi, FG: 1.04, 5 min SIP: 1905 psi, 10 min SIP: 1761 psi, 15 min SIP: 1654 psi. - Continue frac on LODC sands. Pump 650#s Biovert NWB diverter in 85 bbls 7% KCL, 675 gal 15% HCL, 78 bbls 7% KCL pad, 6000#s 20/40 white sand in 102 bbls 17# Delta Frac 200 @ 1.5ppg, 45,100#s of 20/40 white sand in 406 bbls 17# Delta Frac 200 @ 3ppg, 49,100#s of 20/40 white sand in 316 bbls17# Delta Frac 200 @ 5ppg, 34.3 bbls 7% KCL flush, 650#s Biovert NWB diverter in 61 bbls 7% KCL, 661 gal 15% HCL, 110 bbls 7% KCL pad, 6100#s 20/40 white sand in 102 bbls 17# Delta Frac 200 @ 1.5ppg, 44,400#s of 20/40 white sand in 400 bbls 17# Delta Frac 200 @ 3ppg, 49,800#s of 20/40 white sand in 246 bbls17# Delta Frac 200 @ 5ppg, 572 gal of Caustic & 36.1 bbls 7% KCL flush. Pumped total of 300,800#s 20/40 white sand. Treated w/ ave pressure of 3830 psi & ave rate of 20 BPM, max pressure of 5773 psi & max rate of 20.4 BPM. When 1st Biovert stg was on perfs a 1000 psi increase was observed and 2nd Biovert stg a 175 psi pressure increase was observed. ISDP: 3235 psi, FG: 1.04, 5 min SIP: 1905 psi, 10 min SIP: 1761 psi, 15 min SIP: 1654 psi. - Trouble shoot issue pumping Biovert NWB diverter. Ensure fluid was making it to blender. Tare down pumps hooked to blender being used for Biovert to see if valves were good. Attempt moving fluid through system w/o success. Determined that when adding dry adds to blender it was mixed too thick to pump. Decided to use same blender & pumps for Biovert as being used to pump for pumping all other fluids. - Trouble shoot issue pumping Biovert NWB diverter. Ensure fluid was making it to blender. Tare down pumps hooked to blender being used for Biovert to see if valves were good. Attempt moving fluid through system w/o success. Determined that when adding dry adds to blender it was mixed too thick to pump. Decided to use same blender & pumps for Biovert as being used to pump for pumping all other fluids. - Pressure test lines to 8200 psi. Open well w/ 33 psi. Fill tbg & break down w/55.1 bbls 7% KCL. Broke @ 810 psi @ 5.2 BPM. Pump 22.4 bbls 15% HCL, 295 bbls 7% KCL slickwater pad, 6120#s 20/40 white sand in 103 bbls 17# Delta Frac 200 @ 1.5ppg, 44,900#s of 20/40 white sand in 406 bbls 17# Delta Frac 200 @ 3ppg, 49,300#s of 20/40 white sand in 314 bbls17# Delta Frac 200 @ 5ppg, 48.4 bbls 7% KCL flush. When switching to first stage of Biovert NWB diverter, could not read pressure or rate in control van. Shut down to resolve issue. - Pressure test lines to 8200 psi. Open well w/ 33 psi. Fill tbg & break down w/55.1 bbls 7% KCL. Broke @ 810 psi @ 5.2 BPM. Pump 22.4 bbls 15% HCL, 295 bbls 7% KCL slickwater pad, 6120#s 20/40 white sand in 103 bbls 17# Delta Frac 200 @ 1.5ppg, 44,900#s of 20/40 white sand in 406 bbls 17# Delta Frac 200 @ 3ppg, 49,300#s of 20/40 white sand in 314 bbls17# Delta Frac 200 @ 5ppg, 48.4 bbls 7% KCL flush. When switching to first stage of Biovert NWB diverter, could not read pressure or rate in control van. Shut down to resolve issue. - Spot replacement blender. RU blender to the rest of the frac equipment. - Spot replacement blender. RU blender

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Record temp log down from 5300' to 5800'. POH w/ WL. RD Perforators lubricator. - RU Perforators EWLT. PU & RIH w/ temperature survey tool. Record temp log down from 5300' to 5800'. POH w/ WL. RD Perforators lubricator. - Set RBP @ 5496', PUH & leave Pkr released @ 5442'. Pump 5 gal of pariffan solvent, 55- gal 15% HCL & 21 bbls 7% KCL. Set packer @ 5442'. Break down perfs @ 3600 psi. Establish injection rate of 1.2 BPM @ 1600 psi. Release Pkr. Latch onto & release RBP. PU 2- jts tbg & set RBP @ 5583'. PUH & leave Pkr released @ 5536'. Pump 5 gal of pariffan solvent, 55- gal 15% HCL & 21 bbls 7% KCL. Pump acid to perfs & over displace w/ 5 bbls 7% KCL. 500 psi was the most pressure seen. Release Pkr, Latch onto & release RBP. PU 7- jts tbg & set RBP @ 5810'. LD 1-jt tbg & set Pkr. Pressure test RBP & Pkr to 4000 psi. Release Pkr. PUH & leave Pkr released w/ EOT @ 5410'. SWIFN. - Set RBP @ 5496', PUH & leave Pkr released @ 5442'. 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Daily Cost: $0
Cumulative Cost: $233,466

10/22/2012 Day: 6 **Recompletion**

Stone #7 on 10/22/2012 - Run temp survey from 5300'-5591' (tagged fill @ 5591'). RD WLT & frac equipment. - RD Halliburton frac equipment. - Transfer fluid from flat tank to flowback tank. Drain pump & pump lines. - Check pressure on well, tbg on vaccum. RU WLT. RIH w/ logging tools. Record temperature from 5300'to 5591'. Tagged fill @ 5591'. POH w/ WL & RD. Shut in well. - RD Halliburton frac equipment. - Transfer fluid from flat tank to flowback tank. Drain pump & pump lines. - Check pressure on well, tbg on vaccum. RU WLT. RIH w/ logging tools. Record temperature from 5300'to 5591'. Tagged fill @ 5591'. POH w/ WL & RD. Shut in well. - RD Halliburton frac equipment. - Transfer fluid from flat tank to flowback tank. Drain pump & pump lines. - Check pressure on well, tbg on vaccum. RU WLT. RIH w/ logging tools. Record temperature from 5300'to 5591'. Tagged fill @ 5591'. POH w/ WL & RD. Shut in well. - RD Halliburton frac equipment. - Transfer fluid from flat tank to flowback tank. Drain pump & pump lines. - Check pressure on well, tbg on vaccum. RU WLT. RIH w/ logging tools. Record temperature from 5300'to 5591'. Tagged fill @ 5591'. POH w/ WL & RD. Shut in well.
Finalized
Daily Cost: $0
Cumulative Cost: $239,030

10/23/2012 Day: 7 **Recompletion**

Stone #7 on 10/23/2012 - Start cleaning out sand. Well was making a lot of sand. Swab well attempting to clean up. - TOH w/ 8-jts tbg. EOT @ 5415'. RU swab equipment. Made 11 swab runs w/ SFL @ 300' & EFL @ 4000'. Recovered 135 bbls. Small show of sand at ending. RD swab equipment. SWIFN. - Check pressure on well, 0 psi csg & tbg on vacuum. RU pump lines. Pump 30 bbls 7% KCL to fill csg. Release Pkr. TIH w/ 6-jts tbg & tag fill @ 5596'. - Wait for more 7% KCL. Well was taking more fluid than anticipated. - Pump 130 bbls 7% KCL to fill well. Pumping 4 BPM & returning 1.5 BPM. Clean out 8' of sand to 5604'. Perfs were giving up a lot of sand. - Check pressure on well, 0 psi csg & tbg on vacuum. RU pump lines. Pump 30 bbls 7% KCL to fill csg. Release Pkr. TIH w/ 6-jts tbg & tag fill @ 5596'. - TOH w/ 8-jts tbg. EOT @ 5415'. RU swab equipment. Made 11 swab runs w/ SFL @ 300' & EFL @ 4000'. Recovered 135 bbls. Small show of sand at ending. RD swab equipment. SWIFN. - Clean out csg from 5598' - 5676'. Circulate well clean. - Wait for more 7% KCL. Well was taking more fluid than anticipated. - Pump 130 bbls 7% KCL to fill well. Pumping 4 BPM & returning 1.5 BPM. Clean out 8' of sand to 5604'. Perfs were giving up a lot of sand. - Check pressure on well, 0 psi csg & tbg on vacuum. RU pump lines. Pump 30 bbls 7% KCL to fill csg. Release Pkr. TIH w/ 6-jts tbg & tag fill @ 5596'. - TOH w/ 8-jts tbg. EOT @ 5415'. RU swab equipment. Made 11 swab runs w/ SFL @ 300' & EFL @ 4000'. Recovered 135 bbls. Small show of sand at ending. RD swab equipment. SWIFN. - Clean out csg from 5598' - 5676'. Circulate well clean. - Wait for more 7% KCL. Well was taking more fluid than anticipated. - Pump 130 bbls 7% KCL to fill well. Pumping 4 BPM & returning 1.5 BPM. Clean out 8' of sand to 5604'. Perfs were

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Daily Cost: $0
Cumulative Cost: $255,738

10/24/2012 Day: 8 **Recompletion**

Stone #7 on 10/24/2012 - Clean out to RBP. Latch onto & release RBP. LD workstring. TIH w/ production tbg. - RD rig floor. ND BOPs. Set TA w/ 18K tension. NU wellhead. SWIFN. - Check pressure on well, 60 psi csg & tbg on vaccum. TIH w/ 8-jts tbg & tag @ 5666'. RU pump lines. - LD 184- jts 2-7/8" L-80 6.5# 8rd EUE tbg on trailer, XN-profile nipple, 1- jt tbg, Pkr & RBP. RD hydraulic catwalk. - Pump 110 bbls 7% KCL tbg fill wellbore. Circulate well @ 4 BPM & return 2 BPM. Clean out to RBP @ 5810'. Latch onto & release RBP. - Check pressure on well, 60 psi csg & tbg on vaccum. TIH w/ 8-jts tbg & tag @ 5666'. RU pump lines. - RD rig floor. ND BOPs. Set TA w/ 18K tension. NU wellhead. SWIFN. - MU BHA & TIH w/ production tbg as follows: NC, 2- jts 2-7/8" J-55 6.5# 8rd EUE tbg, SN, 1- jt 2 7/8" J-55 tbg, TA & 187-jts 2-7/8" J-55 6.5# 8rd EUE tbg. - LD 184- jts 2-7/8" L-80 6.5# 8rd EUE tbg on trailer, XN-profile nipple, 1- jt tbg, Pkr & RBP. RD hydraulic catwalk. - Pump 110 bbls 7% KCL tbg fill wellbore. Circulate well @ 4 BPM & return 2 BPM. Clean out to RBP @ 5810'. Latch onto & release RBP. - Check pressure on well, 60 psi csg & tbg on vaccum. TIH w/ 8-jts tbg & tag @ 5666'. RU pump lines. - RD rig floor. ND BOPs. Set TA w/ 18K tension. NU wellhead. SWIFN. - MU BHA & TIH w/ production tbg as follows: NC, 2- jts 2-7/8" J-55 6.5# 8rd EUE tbg, SN, 1- jt 2 7/8" J-55 tbg, TA & 187-jts 2-7/8" J-55 6.5# 8rd EUE tbg. - LD 184- jts 2-7/8" L-80 6.5# 8rd EUE tbg on trailer, XN-profile nipple, 1- jt tbg, Pkr & RBP. RD hydraulic catwalk. - Pump 110 bbls 7% KCL tbg fill wellbore. Circulate well @ 4 BPM & return 2 BPM. Clean out to RBP @ 5810'. Latch onto & release RBP. - Check pressure on well, 60 psi csg & tbg on vaccum. TIH w/ 8-jts tbg & tag @ 5666'. RU pump lines. - RD rig floor. ND BOPs. Set TA w/ 18K tension. NU wellhead. SWIFN. - MU BHA & TIH w/ production tbg as follows: NC, 2- jts 2-7/8" J-55 6.5# 8rd EUE tbg, SN, 1- jt 2 7/8" J-55 tbg, TA & 187-jts 2-7/8" J-55 6.5# 8rd EUE tbg. - LD 184-jts 2-7/8" L-80 6.5# 8rd EUE tbg on trailer, XN-profile nipple, 1- jt tbg, Pkr & RBP. RD hydraulic catwalk. - Pump 110 bbls 7% KCL tbg fill wellbore. Circulate well @ 4 BPM & return 2 BPM. Clean out to RBP @ 5810'. Latch onto & release RBP. - MU BHA & TIH w/ production tbg as follows: NC, 2- jts 2-7/8" J-55 6.5# 8rd EUE tbg, SN, 1- jt 2 7/8" J-55 tbg, TA & 187-jts 2-7/8" J-55 6.5# 8rd EUE tbg. **Finalized**
Daily Cost: $0
Cumulative Cost: $268,728

10/26/2012 Day: 9 **Recompletion**

Stone #7 on 10/26/2012 - PU rods & PWOP - RDMOSU. RD pump & pump lines. PWOP @ 4:30 PM w/ 122" SL & 5 SPM. - Fill tbg w/ 22 BW & stroke test w/ rig to 800 psi. RU pumping unit. Hang rods off on unit. - PU & prime Central Hydraulic 2 1/2" X 1 1/2" X 20' RHAC rod pump. TIH w/ rods as follows: 4- 1 1/2" weight rods, 224- 7/8" guided rods (8per), 8- 7/8" guided rods (4per), 4' X 7/8" pony rod & 1-1/2" X 26' polish rod. - Plumb wellhead into flowline. Flush tbg w/ 50 bbls 7%HCL. - RDMOSU. RD pump & pump lines. PWOP @ 4:30 PM w/ 122" SL & 5 SPM. - Fill tbg w/ 22 BW & stroke test w/ rig to 800 psi. RU pumping unit. Hang rods off on unit. - PU & prime Central Hydraulic 2 1/2" X 1 1/2" X 20' RHAC rod pump. TIH w/ rods as follows: 4- 1 1/2" weight rods, 224- 7/8" guided rods (8per), 8- 7/8" guided rods (4per), 4' X

7/8" pony rod & 1-1/2" X 26' polish rod. - Plumb wellhead into flowline. Flush tbg w/ 50 bbls 7%HCL. - RDMOSU. RD pump & pump lines. PWOP @ 4:30 PM w/ 122" SL & 5 SPM. - Fill tbg w/ 22 BW & stroke test w/ rig to 800 psi. RU pumping unit. Hang rods off on unit. - PU & prime Central Hydraulic 2 1/2" X 1 1/2" X 20' RHAC rod pump. TIH w/ rods as follows: 4- 1 1/2" weight rods, 224- 7/8" guided rods (8per), 8- 7/8" guided rods (4per), 4' X 7/8" pony rod & 1-1/2" X 26' polish rod. - Plumb wellhead into flowline. Flush tbg w/ 50 bbls 7%HCL. - RDMOSU. RD pump & pump lines. PWOP @ 4:30 PM w/ 122" SL & 5 SPM. - Fill tbg w/ 22 BW & stroke test w/ rig to 800 psi. RU pumping unit. Hang rods off on unit. - PU & prime Central Hydraulic 2 1/2" X 1 1/2" X 20' RHAC rod pump. TIH w/ rods as follows: 4- 1 1/2" weight rods, 224- 7/8" guided rods (8per), 8- 7/8" guided rods (4per), 4' X 7/8" pony rod & 1-1/2" X 26' polish rod. - Plumb wellhead into flowline. Flush tbg w/ 50 bbls 7%HCL. **Finalized**
Daily Cost: $0
Cumulative Cost: $308,138

Pertinent Files: Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-65970

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: SUNDANCE FED 4-6-9-18

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047381940000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2048 FNL 0704 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 09.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 11/26/2014	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
☐	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 11/26/2014. Initial MIT on the above listed well. On 11/26/2014 the casing was pressured up to 1485 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10698

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
December 18, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 12/11/2014

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11/26/14
Test conducted by: JOHNNY KIM
Others present: _____

10698

Well Name: FEDERAL 4-6-9-18 Type: ER SWD Status: AC TA UC
Field: MONUMENT BUTTE UNIT
Location: 4 Sec: 6 T 9 N (S) R 18 (E) W County: UINTAH State: UTAH
Operator: NEWFIELD EXPLORATION COMPANY
Last MIT: / / Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? [X] Yes [ ] No
Initial test for permit? [X] Yes [ ] No
Test after well rework? [X] Yes [ ] No
Well injecting during test? [ ] Yes [X] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1483/0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1483 psig	psig	psig
5 minutes	1484 psig	psig	psig
10 minutes	1485 psig	psig	psig
15 minutes	1486 psig	psig	psig
20 minutes	1486 psig	psig	psig
25 minutes	1485 psig	psig	psig
30 minutes	1485 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ]Fail	[ ] Pass [ ]Fail	[ ] Pass [ ]Fail

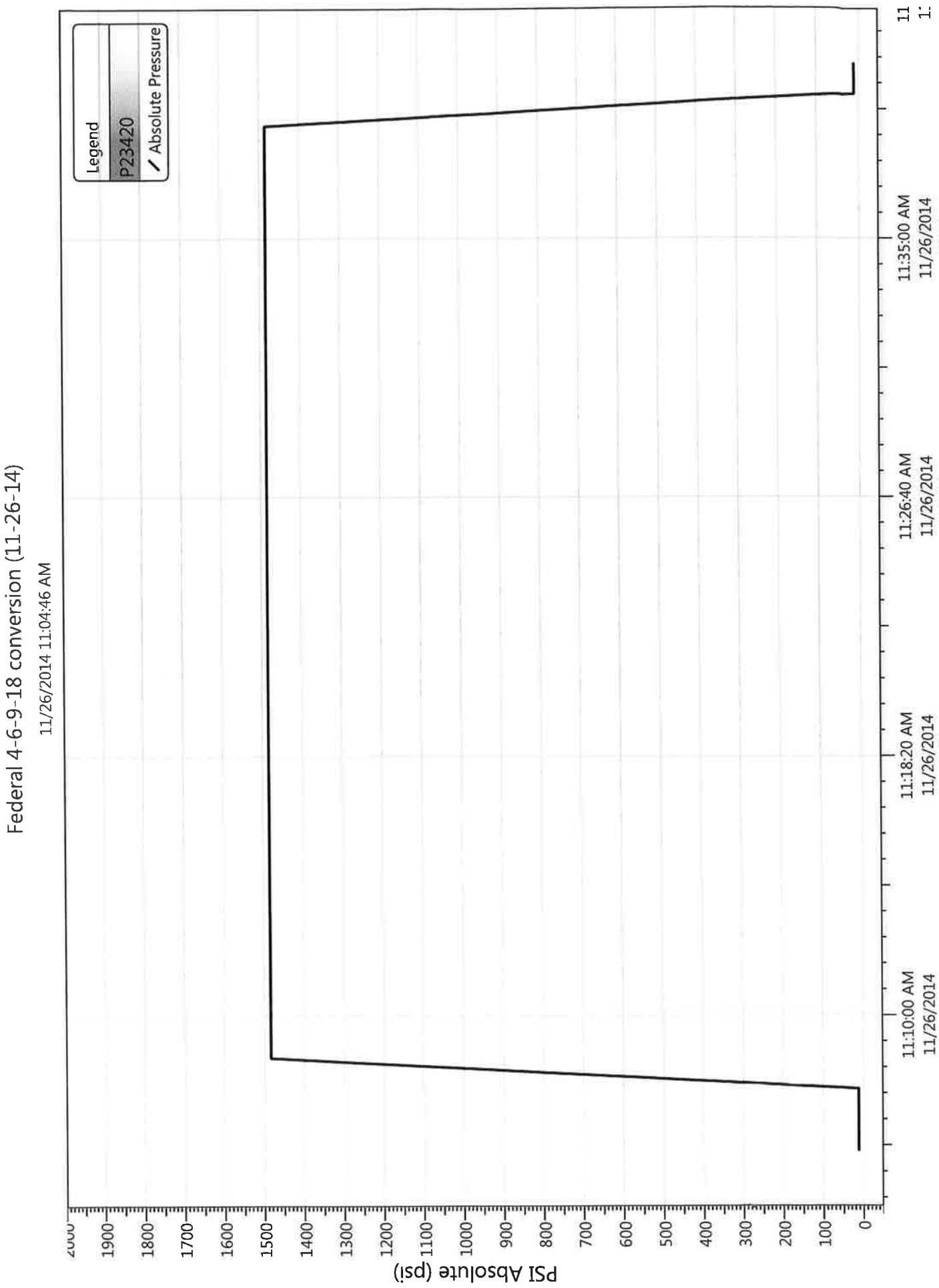
Does the annulus pressure build back up after the test ? [ ] Yes [ ] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

_____

Signature of Witness: _____


Federal 4-6-9-18 conversion (11-26-14)
11/26/2014 11:04:46 AM
Legend
P23420
Absolute Pressure
PSI Absolute (psi)
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
11:10:00 AM
11/26/2014
-07:00
11:18:20 AM
11/26/2014
-07:00
11:26:40 AM
11/26/2014
-07:00
11:35:00 AM
11/26/2014
-07:00

NEWFIELD

Schematic

Well Name: Federal 4-6-9-18

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
06-9S-18E	43047381940000	500160425		Utah	GMBU CTB10	UINTAH

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
7/30/2007	8/20/2007	9/26/2007	5,012	5,000	Original Hole - 6,047.1	Original Hole - 6,215.0

Most Recent Job

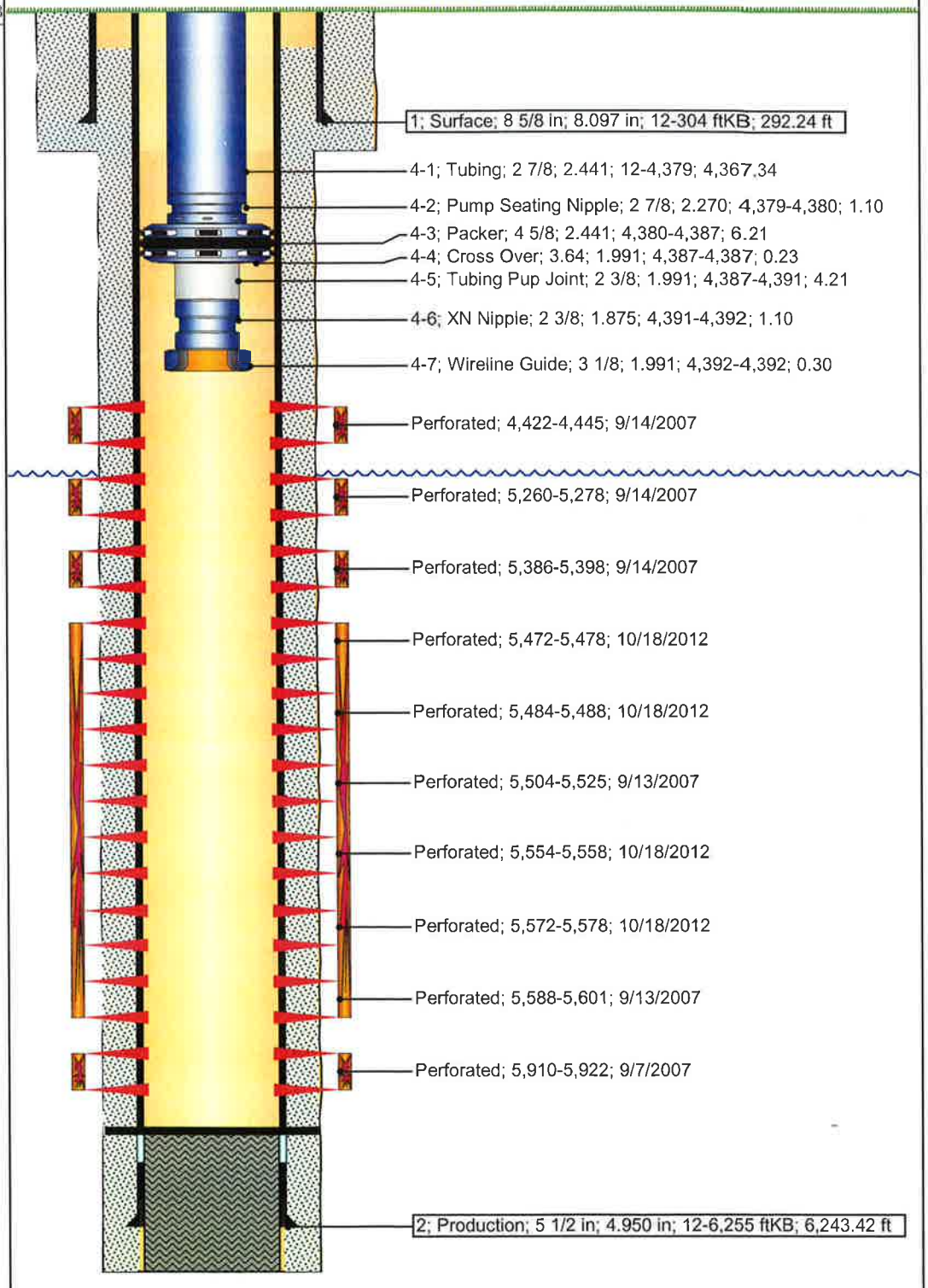
Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Conversion	Basic	11/21/2014	11/26/2014

TD: 6,267.0

Vertical - Original Hole, 12/4/2014 2:32:55 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS (°... 0 — 3)
12.1	12.1	0.0	
113.8	113.8	0.1	
303.5	303.5	0.3	
304.1	304.1	0.3	
305.1	305.1	0.3	
4,379.3	4,229.7	16.1	
4,380.6	4,231.0	16.0	
4,386.8	4,236.9	16.0	
4,391.1	4,241.0	16.0	
4,392.1	4,242.0	16.0	
4,392.4	4,242.3	16.0	
4,421.9	4,270.6	16.4	
4,444.9	4,292.6	16.8	
5,259.8	5,069.3	16.2	
5,277.9	5,086.6	16.2	
5,386.2	5,190.5	16.4	
5,398.0	5,201.8	16.4	
5,472.1	5,273.0	16.1	
5,478.0	5,278.7	16.1	
5,483.9	5,284.4	16.0	
5,487.9	5,288.2	16.0	
5,503.9	5,303.6	15.9	
5,524.9	5,323.8	15.8	
5,554.1	5,351.9	16.3	
5,558.1	5,355.6	16.3	
5,571.9	5,368.8	16.4	
5,578.1	5,374.8	16.4	
5,587.9	5,384.2	16.5	
5,601.0	5,396.8	16.5	
5,910.1	5,696.0	12.4	
5,921.9	5,707.5	12.3	
6,214.9	5,995.6	8.6	
6,215.6	5,996.3	8.6	
6,254.9	6,035.2	8.5	
6,255.6	6,035.8	8.5	
6,267.1	6,047.2	8.5	

Vertical schematic (actual)



NEWFIELD

Newfield Wellbore Diagram Data
Federal 4-6-9-18

Surface Legal Location		API/UWI	Lease
06-9S-18E		43047381940000	
County	**State/Province**	**Basin**	**Field Name**
UINTAH	Utah	Uintah Basin	GMBU CTB10
Well Start Date	**Spud Date**	**Final Rig Release Date**	**On Production Date**
7/30/2007	7/30/2007	8/20/2007	9/26/2007
Original KB Elevation (ft) / **Ground Elevation (ft)**	**Total Depth (ftKB)**	**Total Depth All (TVD) (ftKB)**	**PBTD (All) (ftKB)**
5,012 / 5,000	6,267.0	Original Hole - 6,047.1	Original Hole - 6,215.0

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	7/31/2007	8 5/8	8.097	24.00	J-55	304
Production	8/19/2007	5 1/2	4.950	15.50	J-55	6,255

Cement

String: Surface, 304ftKB 8/1/2007

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	12.0	305.0		
Fluid Description	**Fluid Type**	**Amount (sacks)**	**Class**	**Estimated Top (ftKB)**
2% CaCL2 + 1/4#/sk Cello-Flake	Lead	160	G	12.0

String: Production, 6,255ftKB 8/19/2007

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	114.0	6,267.0		
Fluid Description	**Fluid Type**	**Amount (sacks)**	**Class**	**Estimated Top (ftKB)**
10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake	Lead	350	Premlite II	114.0
Fluid Description	**Fluid Type**	**Amount (sacks)**	**Class**	**Estimated Top (ftKB)**
2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM	Tail	450	50/50 POZ	3,191.0

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing	11/25/2014	4,392.5

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	140	2 7/8	2.441	6.50	J-55	4,367.34	12.0	4,379.3
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,379.3	4,380.4
Packer	1	4 5/8	2.441			6.21	4,380.4	4,386.7
Cross Over	1	3.635	1.991			0.23	4,386.7	4,386.9
Tubing Pup Joint	1	2 3/8	1.991			4.21	4,386.9	4,391.1
XN Nipple	1	2 3/8	1.875			1.10	4,391.1	4,392.2
Wireline Guide	1	3 1/8	1.991			0.30	4,392.2	4,392.5

Rod Strings

Rod Description	Run Date	Set Depth (ftKB)

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
5	GB4, Original Hole	4,422	4,445	4	120	0.490	9/14/2007
4	B1, Original Hole	5,260	5,278	4	120	0.490	9/14/2007
3	A .5, Original Hole	5,386	5,398	4	120	0.490	9/14/2007
6	LODC, Original Hole	5,472	5,478	3	120	0.340	10/18/2012
6	LODC, Original Hole	5,484	5,488	3	120	0.340	10/18/2012
2	LODC, Original Hole	5,504	5,525	4	120	0.490	9/13/2007
6	LODC, Original Hole	5,554	5,558	3	120	0.340	10/18/2012
6	LODC, Original Hole	5,572	5,578	3	120	0.340	10/18/2012
2	LODC, Original Hole	5,588	5,601	4	120	0.490	9/13/2007
1	CP2, Original Hole	5,910	5,922	4	120	0.490	9/7/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,125	0.81	24.8	2,535			
2	1,731	0.76	24.8	2,037			
3	3,719	1.14	30.0	3,396			
4	1,871	0.8	24.8	1,629			
5	2,105	0.92	24.8	2,063			
6	3,235	1.04	20.0	5,773			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 49433 lb
2		Proppant Sand 179588 lb

NEWFIELD

Newfield Wellbore Diagram Data
Federal 4-6-9-18

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
3		Proppant Sand 74779 lb
4		Proppant Sand 91049 lb
5		Proppant Sand 115323 lb
6		Proppant White Sand 300800 lb

NEWFIELD

Job Detail Summary Report

Well Name: Federal 4-6-9-18

Jobs		
Primary Job Type	Job Start Date	Job End Date
Conversion	11/21/2014	11/26/2014

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
11/21/2014	11/21/2014	MIRUSU

Start Time	End Time	Comment
14:30	15:30	Spot rig, RU rig. Pump 50 Bbls water down csg @ 250 F
15:30	16:00	Unhang rods and horses head
16:00	17:00	Unseat pump & pull high, flush rods with 40 BBLS water @ 250
17:00	17:15	Soft seat and PT tbg to 3000 PSI, good test
17:15	17:30	SWIFN, CLEAN LOCATION, SDFN
17:30	18:30	TRAVEL TIME

Report Start Date	Report End Date	24hr Activity Summary
11/25/2014	11/25/2014	POOH with Rods LD on rod trailer

Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL FROM ROOSEVLET TO LOCATION
07:00	12:00	L/D W 8 7/8 4 PER GUIDED RODS,224 7/8 8 PER GUIDED RODS,4 K BARS,PUMP
12:00	14:30	N/D WELL HEAD AND,N/U BOPS R/U WORK FLOOR, RELEASE TAC
14:30	17:00	POOH WITH 80 JTS TALLY/ BREAKING AND DOPPING COLLARS
17:00	18:00	Travel time

Report Start Date	Report End Date	24hr Activity Summary
11/26/2014	11/26/2014	BASIC BOP, POOH WITH TBG RUN IN TEST TBG CONDUCT MIT

Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL FROM ROOSEVELT TO LOCATION
07:00	12:00	POOH W/ 60 JNTS BREAKING AND DOPING COLLARS MAKING BACK UP L/D 86 JNTS OF 2 7/8 TBG 5 1/2 TAC 1 JNT 2 7/8 PSN DRAIN NIPPLE 2 JNTS NOTCH COLLER
12:00	14:00	RIH W/ 2 3/8 COLLER X/N NIPPLE 4 ' PUP/ X/O,5 1/2 AERO SET PKR,ON OFF TOOL,140 JNTS OF 2 7/8 EUE 8 RD J-55 TBG
14:00	16:00	TRY TO TEST TBG TO 3000 PSI KEEP BLEEDING OFF 100 PSI EVERY TEST
16:00	17:00	FISH STANDING VALVE AND DROP A NEW ONE TRY AND TEST TBG BLEED OFF 50 PSI AGAIN ORDERED 2 NEW STANDING VALVES FOR THE AM PUT 3000 PSI ON THE WELL HOLD OVER THE NIGHT TO GET IT TO TEST Initial MIT on the above listed well. On 11/26/2014 the casing was pressured up to 1485 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10698
17:00	18:00	CREW TRAVEL FROM LOCATION TO ROOSEVELT

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-65970

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: SUNDANCE FED 4-6-9-18

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047381940000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2048 FNL 0704 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 09.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 1/8/2015	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 4:30 PM on 01/08/2015. EPA # UT22197-10698

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 15, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 1/14/2015